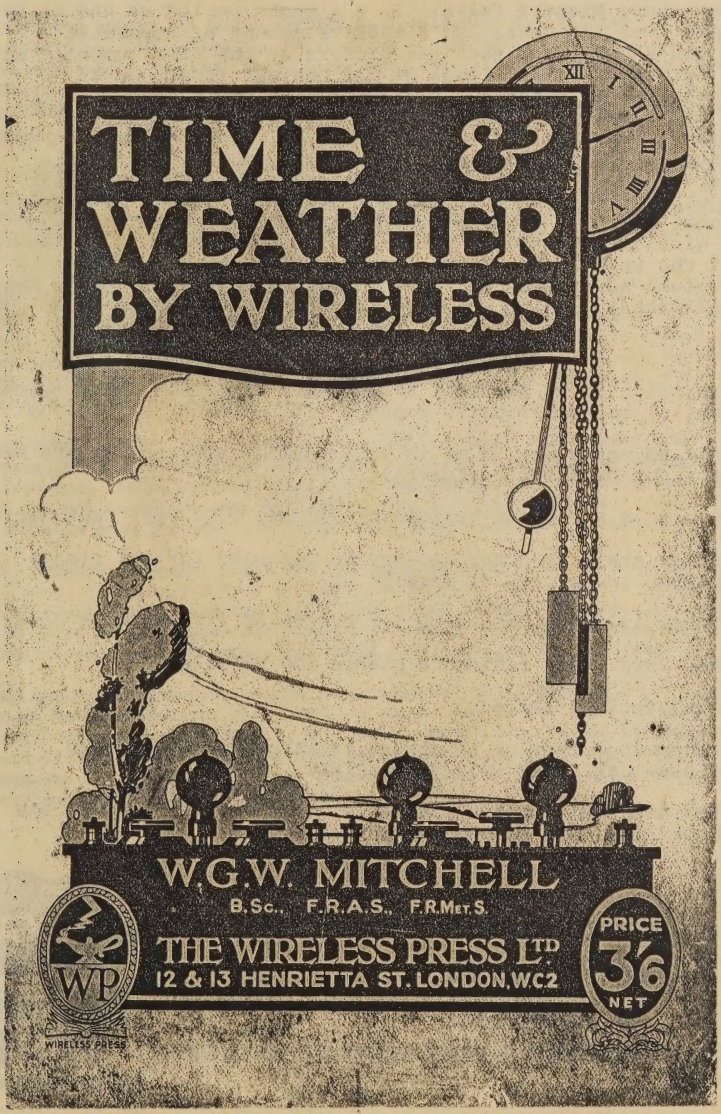
NEW WIRELESS PIONEERS
BAMPTON BOOKS

CATALOG #26



NEW WIRELESS PIONEERS
BAMPTON BOOKS

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Catalog # 26 - OCTOBER 2002
James and Felicia Kreuzer, Proprietors

I bet that many of you were wondering what happened to the New Wireless Pioneers?? Well, a lot has happened over the past 18 months, since we put out our last catalog!!

A year ago today, we moved from 15 acres in the country, to a waterfront home on an island in the Niagara River, about 8 miles above Niagara Falls!! In a 4 month period we had to pack and move over 700 boxes and a massive amount of apparatus & junk. You should have seen the pickers at the Elma Dumps!!! We threw out about 20 Van loads of old hamfest finds, books, ephemera, parts, tubes and plain old junk we forgot we had!!!

It has taken quite some time to adapt the new house for handling a book business!! At least now I can look out the window and watch the boats, ducks, geese, muskie and northern pike playing in the water while I assemble the next book catalog!!

We were fortunate to obtain the lifelong library of Stanley Atkinson, W1AFO, a wireless book collector and historian who loved wireless & radio. A collector for over 50 years, he was one one of the unknown bookscouts who more than once beat me to a rare volume advertised in the now defunct Bookman's Weekly mag. In this latest catalog we pass his volumes and others on to you!

TERMS OF SALE

1. Shipping $2.00 per book using Media rate. For orders with better books, Priority Postage will be used- $4.00 & up.

2. All payments are to be in U.S. funds. Charge cards are best for our overseas customers.

3. Overseas & foreign customers will pay $3.00 per book Surface

4. Books are guaranteed and may be returned for any reason within seven days of receipt.

5. There is a 10% deduction for orders of five or more books.

6. New York State residents please add 8% sales tax.

7. Institutions billed.

8. Reserving items by telephone is strongly recommended. Please Call 9 AM - 12 Midnite EST

9. You may Email or fax your order, and we will confirm the books in stock as soon as possible.

WE ACCEPT CREDIT CARDS!!!!
PHONE 716-773-4999
FAX 716-773-5757

THE COVER ILLUSTRATION IS FROM ITEM # 418 ON PAGE 60

AMATEUR BOOKS

1. (2 ITEMS) ORR, WILLIAM I.; ALL About Cubical Quad Antennas & Kirk Super Quads Instruction Manual . 2nd edition, 1977. Everything you ever wanted to know about the cubical quad, including the history and background. It contains indepth info on the basic characteristics for different types of quads, building your own, and tuning and adjustment. Also included is an instruction manual for Kirk Super-Quads; 1968 48 pages; softcover; VG condition. 112 pages. 59 illus. Very Good condition. Uncommon. Softcover. $20.00

2. (INSTRUCTION BOOK); RCA Model ET-8003 Radiotelegraph Transmitter . 1st edition, 1937. From the Engineering Department at Radiomarine Corporation of America, this folder describes the installation and operating instructions for the Model ET-8003 Radio-Telegraph Transmitter. The cover and some of the pages are lightly soiled, the 2-page schematic diagram is included. 10 pages. Good condition. Rare. Softcover. $15.00

3. (INSTRUCTION BOOK) R. L. DRAKE CO.; Instruction Book for the Drake Model 2-B Receiver . 1st edition, 1962. This is an original instruction manual for the Drake 2-B containing schematics, troubleshooting info and alignment details for this popular receiver. 38 pages. Good + condition. Scarce. Softcover. $15.00

4. (MAGAZINE); Ham Radio Volume 1 #1 March 1968 . 1st edition, 1968. This is a perfect copy of the first issue of Ham Radio Magazine. It was found in an estate in a plastic cover with no wear or defects. There are many great articles on Amateur radio equipment, as well as lots of ads showing the expensive gear we all used to lust after! 96 pages. Fine condition. Scarce. Softcover. $10.00

5. (STOCK CERTIFICATE); Collins Radio Co. . 1st edition, 1969. These are beautifully engraved stock certificates with a nice vignette of an alegorical figure perched between the two hemispheres of the world. They are of various denominations, from 10 to over a thousand shares. A very frameable item for your ham shack! Very Good condition. Uncommon. $15.00

6. (TRADE CATALOG); General Radio Co. . Unknown edition, 1925. A Nice GR Catalog; Bulletin 923 from the mid 20's showing their line of parts and amplifiers. It is probably their first bound catalog; previous catalogs were issued in single loose-leaf sheets. Includes an original letter from GR with their letterhead. 32 pages. Very Good condition. Rare. Softcover. $65.00

7. (TRADE CATALOG); National Company . 1st edition, 1951. This is a great National amateur radio catalog, with very little wear. It contains receivers such as the HRO-50, HFS, NC-33, NC-57, NC-173, NC-183 and others, as well as their complete line of parts and components. Also included are separate flyers for the SW-54, Televisions and TV tuners. 19 pages. Very Good condition. Scarce. Softcover. $35.00

8. (TRADE CATALOG) RCA CO.; RCA Guide for Transmitting Tubes . 1st edition, 1941. This is a nice catalog presenting RCA's Pre- WWII transmitting tube lineup. This book contains technical information such as ratings, characteristics, and circuits with component values for almost about every tube. There are construction plans for both a UHF and plate modulated transmitter, as well as exciters, etc... Nice!!! 73 pages. Very Good condition. Scarce. Softcover. $20.00

9. ARRL; Radio Amateur's Handbook . 3rd edition, 1928. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. ***This copy is the Rare Hardcover edition published by the ARRL.***. 256 pages. Very Good condition. Rare. $155.00

10. ARRL; Radio Amateur's Handbook . 11th edition, 1934. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. The cover shows very little wear. 238 pages. Very Good condition. Rare. Softcover. $65.00

11. ARRL; The Radio Amateur's Handbook . 10th edition, 1933. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the beginner's fundamentals. The covers are bright with little wear, though 8 pages have some underlining in ink. 234 pages. Very Good condition. Rare. Softcover. $55.00

12. ARRL; Radio Amateur's Handbook . 7th edition, 1930. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the fundamentals for getting started. There are 39 pages of nice illustrated advertising. The top of the cover is chipped slightly. 217 pages. Good + condition. Scarce. Softcover. $55.00

13. ARRL; The Radio Amateur's Handbook 1940 . 17th edition, 1939. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. In nice condition, with a bit of wear on the right corner of the cover. 575 pages. 999 illus. Good + condition. Rare. $45.00

14. ARRL; The Radio Amateur's Handbook 1941 (SPANISH EDITION!!!!!) . 18th edition, 1940. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. In nice condition, This Is The first Spanish ARRL Handbook I've Seen!! 528 pages. 999 illus. Very Good condition. Rare. $45.00

15. **BLAKE, LAMONT V.; Antennas** . 1st edition, 1966. This excellent book on antennas was professionally written with the technician or engineer in mind. The chapters include Transmission Lines; Antenna Paramaters; Arrays; Reflectors and Lenses; Antenna Measurements, and Basic Radiators & Feed Methods. There is a useful bibliography at the end of the book, 1st copy we've seen!! 415 pages. 139 illus. Very Good condition. Scarce. $60.00

16. **CARINGELLA, CHARLES AND CLARK, RICHARD; The Surplus Handbook** . 1st edition, 1959. This is designated as Volume 1: Receivers and Transmitters. There are a few tiny spots on the cover. It contains Photos and schematics only of such sets as the ARC-4, BC- 312, 314, 342, 344, 348, 603, 611, 624, 652, 654, 659, 669; 683, 728, 745, 764, 779, 794, 923, 1000, 1004, CRC-7, DAK-3, RAK-5, RAL-5, RAX, TBY, TCS & others. 94 pages. 79 illus. Very Good condition. Rare. Softcover. $40.00

17. **DEPARTMENT OF COMMERCE; Commercial and Government Radio Stations of the United States - 1920** . 1st edition, 1920. This government publication contains land and ship stations which show the call letters, wave length, and owner of the station. Naval Radio Stations and Radio Compass stations are included. The spine has been reinforced with clear tape. 110 pages. Good + condition. Scarce. Softcover. $25.00

18. **DESOTO, CLINTON; Two Hundred Meters and Down** . 1st edition, 1936. The story of amateur radio highlighting the pioneers, their development, subsequent recognition, and the new international high frequency communication. This is the hard to find hardcover edition. A beautiful copy with a bright cover! 184 pages. Very Good condition. Scarce. $55.00

19. **GRAINGER, MAURICE J.; Amateur Radio** . 1st edition, 1922. This book contains the how and why of wireless with complete instructions on operation of receiving outfits. This is probably the first complete treatise on the subject of amateur radio. Contains many illustrations of early hookups and circuits. 158 pages. 150 illus. Very Good condition. Uncommon. Softcover. $25.00

20. **GRAYSON, KENNETH B.; Surplus Schematics Handbook** . 1st edition, 1960. This generously illustrated volume is dearly sought by hams who love using old army surplus gear. Pubished by CQ magazine, some of the many receivers and transmitters covered include the ARC series, BC-348 , BC-375, BC-611, RAK, RAl, RAX, RBH, SCR-274, SCR-522, TBS, TBY, VRC, etc. etc. 112 pages. Very Good condition. Uncommon. Softcover. $35.00

21. **JAMES, W.; Wireless Valve Transmitters** . 1st edition, 1924. This rare volume covers the design and operation of transmitting apparatus. Containing many illustrations, it encompasses both CW and wireless telephony. One of the first books written on the subject. 271 pages. 210 illus. Very Good condition. Scarce. $55.00

22. **JONES, FRANK C.; Cathode Modulation for Economical Radiotelephony .** 1st edition, 1939. This is a rare publication put out by Pacific Radio Publishing on the subject of cathode modulation in amateur transmitters. Frank Jones introduced CM in 1934 and this is one of the first books dedicated to its applications. In addition to the text, there are plans for construction of many Cathode Modulation Transmitters. WoW!! Nice!!! 86 pages. 92 illus. Very Good condition. Rare. Softcover. $35.00

23. **JONES, FRANK C.; Jones Antenna Handbook .** 2nd edition, 1938. This great volume was written to serve those who desired to improve the signal from their transmitters and didn't mind learning about the theory and application of antennas from an expert in the field. All types of antennas are covered, from 160 meter to 10 meters, and from directional to special purpose. 112 pages. 127 illus. Good + condition. Rare. Softcover. $20.00

24. **LEHMAN, ERNEST; The French Atlantic Affair .** 1st edition, 1977. This famous novel follows the exploits of a gang of consirators who hijack the S.S. Marseille and threaten to blow it up unless a ransom of $35 Million is paid. A ham radio operator and a giant computer named 307 come to the rescue in this gripping tale!! 468 pages. Very Good condition. Uncommon. Dust Jacket. $15.00

25. **MAXIM, HIRAM PERCY; A Genius In The Family .** 2nd edition, 1962. Written by the founder of the ARRL, this is an intimate picture of his father's life. His accomplishments include being the "back inventor" of the electric light, though he lost the patent fight in a court battle with Edison. Maxim also invented the Maxim machine gun and other technological equipment. The cover has some ink notes. 109 pages. Good + condition. Uncommon. Softcover. $15.00

26. **NATIONAL RADIO COMPANY; National's Anniversary Album .** 1st edition, 1964. This booklet was printed on the 50th anniversary of the National Co.. It is a photo history of the manufacturer, picturing most of their famous sets, from the SW5 and HRO to the NCX-3. It is contained in the original embossed National Folder, and includes 6 advertising sheets, an original letter from National, a nice color advert foldout & 2 more. 14 pages. Very Good condition. Uncommon. Softcover. $65.00

27. **ORR, WILLIAM I.; The Radio Handbook .** 14th edition, 1956. Originally published in 1934, this edition joins its predecessors as a standard reference for ham radio operators everywhere. Topics include new amplifier designs, theory and construction of various circuits, as well as many other areas of interest to the serious engineer. In very nice condition. 761 pages. 198 photos. 455 illus. Very Good condition. Uncommon. $25.00

28. **ORR, WILLIAM I.; Surplus Radio Conversion Manual, Volume 3 .** 1st edition, 1960. This generously illustrated volume is dearly sought by hams who love using old army surplus gear. Surplus gear covered are as follows: BC-603, BC-453, T23/ARC5, BC-312, 342, 348 series, BC-375, AN/ART-13, BC-1066, BC-659 and many more transmitters and receivers. This is the first original copy of Vol. 3 that we've had!!! 88 pages. Very Good condition. Uncommon. Softcover. $35.00

Amateur Books

29. PHILLIPS, WALTER; The Phillips Code Book . 10th edition, 1914. This famous book contains a thoroughly tested method of shorthand arranged for telegraphic purposes, the rapid transmission of press reports. First published in 1879 for telegraph operators, this edition was originally aimed at the early wireless operators as well. The front and rear endpapers have the original 1920 supplements applied. 65 pages. Good condition. Rare. $65.00

30. RADDALL, THOMAS H.; The Nymph and The Lamp . Unknown edition, 1950. A well known story of the adventures of a wireless operator at sea. This copy includes a dust jacket. 345 pages. Very Good condition. Uncommon. $20.00

31. RADIO CLUB OF AMERICA; The Story Of The First Trans-Atlantic Short Wave Message . 1st edition, 1950. This publication commemorates the message sent in December 1921 which involved seven members of The Radio Club Of America. The story of the building & operation of station 1BCG is recorded from their viewpoint. Includes many photos of the station and the members who participated at the time. 78 pages. Very Good condition. Scarce. Softcover. $25.00

32. SKOMAL, EDWARD N.; Man-Made Radio Noise . 1st edition, 1978. This book develops a theoretical and empirical framework for understanding individual noise sources, as well as their causes It examines the radiated noise produced by electrical power transmission & generation facilities, as well as automotive sources. A serious book for those interested in tracking down unwanted RF. 342 pages. Fine condition. Uncommon. Dust Jacket. $15.00

33. THE HALLICRAFTERS CO.; Instruction Book For Model SX-28A Super Skyrider Receiver . 1st edition, 1945. This is a hard to find original instruction manual covering the famous SX-28. It contains the installation and operating information, circuit description and specs. The receiver alignment procedure is described in detail, along with a listing of socket voltages & parts. There are illustrations of all parts of the receiver & schematics. 33 pages. Very Good condition. Scarce. Softcover. $25.00

<u>BROADCASTING 1920-30</u>

34. "DICTRON"; Wireless Step by Step . 1st edition, 1930. An interesting title written for the newcomer to the broadcast craze during the 1920's. The author remains a mystery, (if anyone could reveal his identity, I would appreciate it.) Most of this book covers the use of the valve in wireless telegraphy & telephony. This is the 7th printing, & the spine is slightly worn. 185 pages. 46 illus. Good + condition. Scarce. $20.00

35. (EPHEMERA); Atwater Kent Radio Log . 1st edition, 1925. Original 6" x 9" Atwater Kent Radio Log, with spaces for the city, call letters, frequency, dial settings and remarks. 1 pages. Very Good condition. Scarce. $10.00

36. (MAGAZINE); Wireless World 1922 . 1st edition, 1922. This is a bound Volume of "Wireless World and Radio Review", a weekly magazine running from September thru December, 1922. It contains hundreds of articles on radio construction, club reports, experimental stations, exhibitions, licenses ect. etc.. The authors include John Ambrose Fleming & M.B. Sleeper. Lotsa nice Xtal sets are shown! 454 pages. 999 illus. Good condition. Rare. $55.00

37. (MAGAZINE); The Wireless Engineer 1924 . 1st edition, 1924. This large volume consists of Volume 2 #13 thru #27, for a total of 15 issues. The dates include October, 1924 thru December, 1925. It is in great condition with little wear. All areas of early wireless are covered including valve & crystal receivers, radio exhibitions, even a lengthy article on the Cathode Ray Oscillograph & it's uses in radio. 1006 pages. 999 illus. Very Good condition. Rare. $65.00

38. (MAGAZINE); Wireless World 1926 . 1st edition, 1926. This is a bound Volume of "Wireless World and Radio Review", a weekly magazine running from July 7th thru September 29, 1922. It contains hundreds of articles on radio construction, club reports, experimental stations, exhibitions, licenses etc. etc.. The illus. covers are present, as well as all the ads. From The Patent Office Library. 454 pages. 999 illus. Very Good condition. Rare.$40.00

39. DELLINGER, DR. J.H.; The Lefax Radio Handbook . 4th edition, 1923. This looseleaf book has many circuit diagrams and contains much information on the fundamentals of radioas well as a clear explanation of how it works. Profusely illustrated throughout, included are some great illustrated ads depicting early radio apparatus. 235 pages. Very Good condition. Scarce. Softcover. $20.00

40. DOWSETT, H. M.; Wireless Telephony And Broadcasting . 1st edition, 1924. Contained in two volumes, this is probably the most complete work done on wireless telegraphy in the United Kingdom up til its time. An in depth history is included as well as hundreds of photos and illus. of early wireless gear. This is a very nice set with little wear to the covers. 442 pages. Very Good condition. Rare. $195.00

41. DRINKER, FREDERICK E. AND LEWIS, JAMES G.; Radio - Miracle of the 20th Century . 1st edition, 1922. A vivid, authentic, and intensely interesting story of radio communication and the remarkable accomplishments of men who have made it possible to talk through space to people miles away. Contains a colorfully illustrated front cover. 320 pages. 30 photos. 55 illus. Good + condition. Scarce. $25.00

42. DUNCAN, RUDOLPH L. AND DREW, CHARLES E.; Radio Telegraphy and Telephony . 1st edition, 1929. This is a complete textbook for students of radio communication. Every area of receiving and transmitting theory and application is covered. Many receivers and transmitters are discussed and illustrated. 950 pages. 468 illus. Very Good condition. Uncommon. $15.00

43. EXPERIMENTER PUBLISHING CO.; Radio News Amateurs' Handibook . 1st edition, 1923. A selected series of instructive articles for both the amateur and layman. A treasure trove of pre 1925 battery sets are described and illustrated, and construction details are given for many of the sets. Contains hundreds of illustrations and diagrams. A beautiful copy of this scarce title, with very little wear! 210 pages. Very Good condition. Scarce. Softcover. $35.00

44. HAUSMANN, ERICH; Radio Phone Receiving . 1st edition, 1922. This book contains an easy to understand format on the basics of radio reception. Many nice photos of early radio equipment are shown. 183 pages. 14 photos. 60 illus. Very Good condition. Uncommon. $10.00

45. **HAWKHEAD, J.C. & DOWSETT, H.M.; Handbook Of Technical Instruction For Wireless Telegraphists** . 3rd edition, 1923. An excellent book covering all phases of wireless telegraphy used in commercial applications. Illustrated with Marconi gear, complete instructions are given in the use of their equipment. This book includes most of the information needed for Marconi operators. The 2nd last page is torn & stuck to the last page & the covers are stained. 403 pages. 316 illus. Fair condition. Rare. $35.00

46. **HENLEY, NORMAN L.; Henley's 222 Radio Circuit Designs** . 1st edition, 1924. A comprehensive collection of receiving and transmitting circuits complete with design data and component values. A perfect book for the home brew experimenter. A nice tight copy of an important book. 271 pages. 284 illus. Very Good condition. Uncommon. Softcover. $30.00

47. **HIS MAJESTY'S STATIONERY OFFICE; Admiralty Handbook of Wireless Telegraphy 1925** . Unknown edition, 1925. An important volume covering all phases of wireless, including theory and basics of receivers and transmitters. Both spark & CW transmitters are discussed, with one chapter dedicated to the Poulson Arc Xmitter. Various types of Xtal & Valve types are also included. This book was published for use by His Majesty's Fleet. 547 pages. 358 illus. Good + condition. Rare. $65.00

48. **HOGAN, JOHN V.L.; The Outline of Radio** . 2nd edition, 1925. An easily understood treatise on radio, written with the laymen in mind. Contains a historical review and fine photos of early gear, as well as an interesting bibliography of radio books. Includes a repaired dust jacket. 268 pages. 20 photos. 68 illus. Very Good condition. Scarce. $20.00

49. **HUTCHINSON, ROBERT W.; A First Course In Wireless** . 1st edition, 1926. This book is intended for amateurs and experimenters, providing a clear insight into the fundamentals and practical working of wireless telegraphy and telephony. Described are Crystal sets, one tube sets, annnnd even a short description of television. Includes some nice photos of early British tube & crystal sets. 264 pages. 208 illus. Very Good condition. Scarce. $20.00

50. **INTERNATIONAL CORRESPONDENCE SCHOOLS; Radio Handbook** . 1st edition, 1924. A handbook of reference for those interested in the radio art. All phases of radio are covered in this small book, which is written for the layman. Contains many diagrams and illustrations. One of the smallest format books on radio published in the 1920's. 514 pages. 220 illus. Very Good condition. Uncommon. $20.00

51. **JONES, BERNARD E.; Crystal Receiving Sets** . 1st edition, 1924. A seldom seen handbook on building and experimenting with the most efficient crystal sets with one chapter dedicated to "Miniature Crystal Sets". He describes how to construct sets such as the Matchbox and Vest-Pocket crystal receivers! The author was editor of "Amateur Wireless" magazine. NOTE: This is a quality reprint with color covers! 124 pages. 114 illus. Fine condition. Uncommon. Softcover. $10.00

52. **KEEN, R.; Wireless Direction Finding and Directional Reception** . 1st edition, 1922. Possibly the first complete early work written on Radio Direction finding. This book contains 254 interesting illustrations and photos, As well as an excellent 8 page bibliography, of 142 entries starting with Hertz's "Electric Waves" in 1893. A beautiful example of a "Must Have" book! 376 pages. Very Good condition. Very Rare. $125.00

53. **KENDALL, LEWIS J. AND KOEHLER, ROBERT PHILLIP; Radio Simplified- What It Is and How To Build and Operate The Apparatus** . 1st edition, 1922. This book describes the theory of radio, and how to build and operate the apparatus involved. A good all around book on the subject, with a nicely embossed color cover. 271 pages. 95 illus. Good + condition. Uncommon. $15.00

54. **LESCARBOURA, AUSTIN C.; Radio for Everybody** . 1st edition, 1922. A profusely illustrated book published at the height of the radio craze. Hundreds of photos depicting early radio receivers are shown, along with excellent construction details for crystal and one-tube sets. The author was managing editor for Scientific American magazine. 334 pages. Very Good condition. Scarce. $25.00

55. **LEUTZ, CHARLES R.; Modern Radio Reception** . 3rd edition, 1928. This famous book was written by the man responsible for introducing the super-heterodyne system to the broadcast listeners. It contains many photos and illustrations of early superhet receivers and related components, and is considered the principal book on the subject. Includes many photos of early commercial Western Electric gear. 383 pages. 254 illus. Very Good condition. Scarce. $60.00

56. **LEWIS, E.H.; The A B C Of Vacuum Tubes In Radio Reception** . 1st edition, 1922. An early vacuum tube reference work, concentrating mainly on developing the elementary principles of theory and operation. The cover is nicely illustrated with a Moorehead audion. 132 pages. 48 illus. Very Good condition. Uncommon. $25.00

57. **LODGE, OLIVER AND OTHERS; Harmsworth's Wireless Encyclopedia** . 1st edition, 1923. This immense, three volume set conains over 5,000 illustrations, most of which are photos of various wireless parts, crystal sets, tube sets and even biographies of famous wireless inventors! Without a doubt, the most complete treatise ever done on early radio! A very desirable set for the radio collector!! There is some fading on the covers. 2272 pages. Good + condition. Rare. $235.00

58. **LODGE, SIR OLIVER; Talks About Radio** . 1st edition, 1925. This book contains an excellent section on the early pioneering work in wireless telegraphy and the development of radiotelegraphy. Written with the layperson in mind, it explains in easily understood language, the various circuits and applications. 267 pages. Very Good condition. Scarce. $30.00

59. **LOOMIS, MARY TEXANNA; Radio Theory and Operating** . 4th edition, 1928. This highly desirable volume contains everything from basic theory to the completed transmitters and receivers. Profusely illustrated with many photos of early radios and wireless gear, this also includes an interesting chapter on early television. A nice tight copy of the most complete edition, the cover has a slight crease on the corner. 992 pages. 795 illus. Very Good condition. Uncommon. $45.00

60. **MANLY, HAROLD P.; Drake's Cyclopedia of Radio and Electronics** . 1st edition, 1927. This is a practical reference work on television, shortwave, radio transmission and reception, sound pictures, & public address systems. Profusely illustrated, this book covers everything! The cover is nicely embossed with early schematic symbols! 700 pages. 500 illus. Very Good condition. Uncommon. $20.00

61. **MCGRAW-HILL CO.; The Radio Trade Directory** . 1st edition, 1926. This seldom seen directory, for August, 1926 is Volume II, # 3. It lists the names and addresses of American manufacturers of everything used in construction, maintenance and operation of radio apparatus, both transmitting and receiving. Includes many neat advertisements. Foxing is evident on many of the pages, it's in a newer style binding. 238 pages. Good condition. Scarce. $20.00

62. **MILLS, JOHN; Letters of a Radio-Engineer To His Son** . 1st edition, 1922. This book is a collection of chronologically arranged letters from John Mills, A Western Electric Company engineer, to his son. It is a simple, yet useful explanation of radio-telephony and how to build a radio set. Contains some nice photos of tubes, receivers, and related equipment. The cover is stained along the bottom. Ex-Library. 265 pages. 12 photos. 135 illus. Good + condition. Scarce. $20.00

63. **MOYER, JAMES A. AND WOSTREL, JOHN F.; Practical Radio** . 1st edition, 1924. A fine book on the how and why of radio, and the testing of receiving sets. Profusely illustrated, it includes a nice chronological history of the art. 249 pages. 169 illus. Very Good condition. Uncommon. $15.00

64. **MUHLEMAN, MAURICE L.; The Neutrodyne and All About It** . 1st edition, 1924. This booklet was published by The E.I.Co. and written by one of the staff of Radio News magazine, to explain the newly designed circuit and its appeal to the radio fanatic of the 1920's. Described in detail are the components and their interference reducing capabilities. 48 pages. 12 illus. Very Good condition. Scarce. Softcover. $15.00

65. **NATIONAL BROADCASTING CORP.; Broadcasting To All Homes** . 1st edition, 1935. An uncommon collection of four volumes which fit in a nice leatherette slipcase. All areas of broadcasting are covered, as well as public affairs, music, literature, and art. 320 pages. 20 illus. Very Good condition. Scarce. $30.00

66. **NEELEY, HENRY M.; E-Z Radio (Crystal Sets)** . 1st edition, 1923. Subtitled; "Seven Hook-Ups For Amplifying The Crystal". This is an unusual magazine showing various circuit configurations and their applications to crystal receivers. Designated as Volume 1 # 11, this is the first copy I've come across. There are some ads, and it is in nice condition with a bit of soiling on the covers. 41 pages. Very Good condition. Scarce. Softcover. $15.00

67. **NILSON, ARTHUR R.; Radio Questions And Answers For Government Examinations** . 1st edition, 1921. Written in 1921, this was one of the first radio operators license manual. This book contains some neat receiving and transmitting apparàtus, including spark and arc transmitters. 86 pages. 43 illus. Good + condition. Scarce. Softcover. $20.00

68. **RAMSEY, R.R.; Experimental Radio** . 3rd edition, 1928. This book contains a selection of experiments concerning the testing and construction of radio apparatus. The singing arc, tesla coil, and many neat wireless experiments are shown. 229 pages. 152 illus. Very Good condition. Scarce. $25.00

69. **RIDER, JOHN F.; Trouble Shooter's Manual** . 1st edition, 1929. I believe this manual to be the first collection of schematic diagrams published by Rider. 1" thick, 106 pages are schematics, the remainder troubleshooting information. It is designated as volume II, I've never seen a Volume I. The covers are a bit soiled. 234 pages. Good + condition. Rare. $35.00

70. **SIGNAL CORPS, U.S. ARMY; The Principles Underlying Radio Communication** . 2nd edition, 1922. Radio Pamphlet #40, prepared by the Bureau of Standards for the main purpose of instructing Signal Corps students in the art of wireless telegraphy during WWI. Includes many photos and Illus. of early radio gear, as well as a nice list of early radio books and periodicals. 619 pages. 10 photos. 294 illus. Good + condition. Uncommon. $15.00

71. **THE CARBORUNDUM COMPANY; Carborundum In Radio (Crystal Sets)** . 1st edition, 1926. This nicely illustrated book contains details on the company's well known carborundum detector unit. There are a number of great construction articles utilizing this detector and other products by the company. There is an illustration cut out on page 27 & a bit of stains on a few pages. 31 pages. Good + condition. Scarce. Softcover. $15.00

72. **THE PROVIDENCE NEWS; The Providence News 1929 International Radio Atlas** . 1st edition, 1929. A wonderful large format atlas measuring 8 1/2" x 12" in nice condition. The cover has a colorful figure of a man sitting on top of the world with lightning bolts shooting out his fingertips. It contains lists of all the US & Canadian stations as well as shortwave and even Televison stations!! With corresponding logs and maps. 31 pages. Very Good condition. Rare. Softcover. $20.00

73. **TURNER, L. B.; Wireless Telegraphy And Telephony** . 1st edition, 1921. An outline for electrical engineers and others interested in the art, Including many great photos of early apparatus I haven't seen in other books or publications. The front cover is embossed with a British "R" valve. The spine has been replaced with tape. 195 pages. 24 photos. 118 illus. Good + condition. Scarce. $45.00

74. **U.S. NAVAL ACADEMY; Radio Manual for The Instruction of Midshipmen** . 4th edition, 1928. Prepared for the exclusive use of the U.S. Navy, this volume provides the basic principles of radio transmitters and receivers, including spark and the Poulson Arc. Especially stressed is the vacuum tube and its function as a detector, amplifier & transmitter. The cover is creased. 174 pages. 83 illus. Good + condition. Rare. $35.00

75. **WEBB, F.F; The Super-Heterodyne** . 1st edition, 1925. Published by the E.I.Co., this book covers the theory and construction of superheterodyne radio receivers, including complete details on how to build your own set. One of the first books dedicated to the superhet circuit. The cover is nicely illustrated. 48 pages. 17 illus. Good + condition. Rare. Softcover. $35.00

76. **WIRELESS PRESS INC.; An Introduction To Radio** . 1st edition, 1922. Probably the smallest format radio book of the 1920's, it measures only 3" x 5"! A basic theory and explanation of various components along with their combined applications for use in radio transmission and reception. The cover is nicely embossed and is designated as Vol. II, begining with Chapter 4. 95 pages. 20 illus. Very Good condition. Scarce. Softcover. $20.00

77. **WOOD, A. HOWLAND; Standard Radio Encyclopedia** . 1st edition, 1922. A wonderful book on early radio information published at the dawn of the radio craze. The cover is nicely embossed with an RCA/Wireless Specialty Apparatus Co. variable condensor. This volume depicts the individual components of early battery sets, wiring diagrams & the cost of the parts. A chapter on building a 5 watt xmitter is included. 128 pages. Very Good condition. Rare. $25.00

78. **YATES, RAYMOND F. & PACENT, LOUIS G.; The Complete Radio Book** . 1st edition, 1922. A well written book designed to instruct and entertain the layman as to the practical, commercial, and romantic aspects of radiotelephone and telegraph communication. Contains many nice photos. Includes an excellent chapter on who's who in radio, giving biographical sketches on people such as George Clark, Elmer Bucher, etc.. 330 pages. 64 illus. Good + condition. Scarce. $30.00

BIOGRAPHIES

79. **APPLEYARD, ROLLO; A Tribute to Michael Faraday** . 1st edition, 1931. A fine biography written about Michael Faraday on the 100th anniversary of his famous electromagnetic discoveries. Contains some very excellent photos and illustrations. An important book for the historian of electricity or wireless telegraphy. 204 pages. 30 illus. Very Good condition. Scarce. $55.00

80. **CARNEAL, GEORGETTE; Conqueror Of Space; The Life Of Lee DeForest .** 1st edition, 1930. An authorized biography of the life and work of Lee DeForest. The first biographical account of the inventor of the three element vacuum tube. Contains his life story and inventions up to 1930, and an excellent history of wireless telegraphy. Includes a nicely illustrated dust jacket. 296 pages. Very Good condition. Scarce. $45.00

81. **CONOT, ROBERT; A Streak Of Luck- The Life & Legend Of Thomas Alva Edison .** 1st edition, 1979. Written on the centennial of the incandescant light, the author combed through the Edison archives to present the first complete account of this great inventor's life. A large book, it contains many fine photos of Edison, as well as a concise reference guide of associates and relatives. Includes a thorough bibliography of his source notes. 565 pages. 60 photos. Very Good condition. Uncommon. Dust Jacket. $25.00

82. **DEFOREST, LEE; Father of Radio .** 1st edition, 1950. An intimate autobiography by one of the most interesting and versatile geniuses who ever lived. DeForest was a pioneer in early wireless and formed one of the first companies in America. He also invented the 3- element vacuum tube. Includes his patent list, which covers 47 years & a colorful dust jacket, chipped along the edges. 502 pages. 33 photos. 8 illus. Very Good condition. Scarce. $75.00

83. **DIBNER, BERN; Oersted and the Discovery of Electromagnetism .** 1st edition, 1961. Beginning with the history prior to Oersted's discoveries, this pamphlet relates his biography interspersed with many drawings explaining experiments with electromagnetism. Includes a nice bibliography. This is a signed presentation copy from the author! 47 pages. 1 photos. 23 illus. Fine condition. Uncommon. Softcover. $45.00

84. **ERICKSON, DON V.; Armstrong's Fight for FM Broadcasting .** 1st edition, 1973. This is the story of a brilliant scientist who ran into many obstacles trying to present a radically new form of broadcasting to the world. A hard-hitting expose' pitting one man vs big business and bureaucracy !! This is the first copy we've ever had for sale!! A beautiful volume that contains nicely illustrated dust jacket. WoW-Rare!!! 226 pages. Fine condition. Rare. $65.00

85. **FESSENDEN, HELEN M.; Fessenden, Builder of Tomorrows .** 1st edition, 1940. The story of one of America's greatest radio pioneers. He developed the first wireless telephone, and the sonic depth finder. This book shows the principles and technique underlying the work of this great inventor and pictures the infancy of wireless. Contains a bookplate, and includes a nicely illustrated dust jacket. 362 pages. Very Good condition. Scarce. $95.00

86. **FLEMING, JOHN AMBROSE; Memories Of A Scientific Life .** 1st edition, 1934. This important biography describes the life of the inventor of the thermionic valve, or vacuum tube. It tells of his early days working on the telephone and electric lighting systems, as well as his most important work with Marconi. 244 pages. Good + condition. Scarce. $65.00

87. **GUNSTON, DAVID; Marconi; Father of Radio** . 1st edition, 1965. An excellent biography on the inventor of radio, Guglielmo Marconi. This book concentrates on the scientific and practical aspects of Marconi's work in wireless telegraphy. Includes a fine pictorial dust jacket, though it is ex-library. 128 pages. 15 photos. 15 illus. Very Good condition. Uncommon. $20.00

88. **HALL, TREVOR H.; The Medium and the Scientist: The Story of William Crookes and Florence Cook** . 1st edition, 1984. In 1974 William Crookes, the eminent British Scientist put his reputation on the line to back a medium, Florence Cook. This book provides some interesting conclusions to the seances and sheds some light on their unusual relationship. Includes a nicely illustrated dust jacket. 188 pages. 12 photos. Fine condition. Uncommon. $45.00

89. **JERROLD, WALTER; Electricians and Their Marvels** . 1st edition, 1891. A wonderful account of the most important 19th century electricians and their accomplishments in the field of telegraphy, telephone, motors, electric lighting and electric traction. Some of the engineers include Morse, Cooke, Wheatstone, A.G. Bell, Edison and Tesla. The front cover is embossed with a nice color illus of a dynamo & arc lamp. 160 pages. 25 illus. Good + condition. Rare. $75.00

90. **JOLLY, W.P.; Sir Oliver Lodge; Psychical Researcher and Scientist** . 1st edition, 1974. A modern biography of Britain's greatest physical scientist whose pioneering work in wireless and psychical research have established him as a historic figure. Contains an excellent 8-page bibliography. His work with wireless telegraphy is explored in detail. Includes a nicely illustrated dust jacket. 256 pages. 9 photos. Fine condition. Scarce. $25.00

91. **JOSEPHSON, MATTHEW; Edison** . 1st edition, 1959. Utilizing original material from the Edison archives in West Oramge, N.J., the author gives a fine and extensive account of the famous man and his inventions. 511 pages. 36 photos. Very Good condition. Uncommon. $20.00

92. **KELSEY, E.; Trail Blazers To Radionics & A Reference Guide To Ultra High** Frequencies . 2nd edition, 1943. This book was compiled by Zenith Corp., with many biographical sketches of the great physicists and inventors, including Armsrtong, Farnsworth, Hertz, Rontgen, Watson-Watt and Zworykin. The second part of the book serves as a definitive bibliography on Ultra-High Frequency. 56 pages. Very Good condition. Scarce. Softcover.$20.00

93. **LESSING, LAWRENCE; Man of High Fidelity: Edwin Howard Armstrong** . 1st edition, 1956. The story of the greatest American inventor since Edison, Armstrong discovered the regenerative circuit, superheterodyne circuit and developed the FM mode of communication. This title is becoming somewhat scarce in hardcover! From The Dartmouth College Library. 320 pages. 16 photos. 12 illus. Very Good condition. Rare. $95.00

94. LODGE, SIR OLIVER; **Pioneers of Science** . 3rd edition, 1913. A biographical compilation of ancient scientists and other early men who explored the unknown. Included are Copernicus, Kepler, Galileo, Newton, and Halley. Contains many fine illustrations in a beautiful embossed binding. An early quote from Sherlock Holmes is pasted on the front free endpaper. 404 pages. 120 illus. Good + condition. Rare. $35.00

95. LODGE, SIR OLIVER; **Past Years; An Autobiography** . 1st edition, 1931. An outstanding and complete life story of one of history's most famous scientists. In this work he describes his ancestry and early years and his relations and scientific work with other scientists of the age. His early experiments in wirèless telegraphy and tuning are explained in detail. 364 pages. 16 photos. Very Good condition. Scarce. $55.00

96. MCCLURE, J.B.; **Edison and his Inventions** . 1st edition, 1879. The first book published about Edison and his early work, including many incidents, anecdotes, and interesting particulars connected with the life of this great inventor. Includes full explanations of the telephone, phonograph, and electric light. Contains many rarely seen engravings of his early inventions. The covers are worn & faded X-Lib. 153 pages. 32 illus. Good condition. Very Rare. $145.00

97. MCGUIRK, KATHLEEN L.; **The Diary of Thomas A. Edison** . 1st edition, 1970. This unusual work contains a nicely illustrated introduction focusing on Thomas Edison and his background. The final 43 pages consist of photographs of Edison's personal diary, including some very interesting and amusing entries. 72 pages. 25 photos. Very Good condition. Uncommon. Dust Jacket. $25.00

98. MEADOWCROFT, WILLIAM H.; **The Boy's Life of Edison** . 1st edition, 1911. A fine biography written by a member of the Edison laboratory, designed for boys and girls of all ages. Modeled after the two-volume biography by Dyer and Martin, it contains a profile photograph of Edison on a nicely embossed front cover. 332 pages. 12 photos. Very Good condition. Uncommon. $30.00

99. MUNRO, J.; **Heroes Of The Telegraph** . 1st edition, 1891. This volume deals with the lives and principal achievements of those distinguished men to whom we are indebted for the introduction of the electric telegraph and telephone. This seldom-seen volume covers the work of Wheatstone, Morse, Thomson, Siemens, Reis, Edison & Hughes as well as a host of other pioneers. There's a bit of foxing on the pages. 288 pages. 8 illus. Very Good condition. Rare. $115.00

100. PAPER, LEWIS J.; **Empire: William S. Paley and The Making of CBS** . 1st edition, 1987. This is a vivid and fascinating biography of one of the world's most influential and powerful men of the twentieth century. The author relied on unpublished documentary sources as well as hundreds of interviews conducted by the author or made available through libraries and private collections. 384 pages. 31 photos. Fine condition. Common. Dust Jacket. $20.00

Biographies

101. **RABY, ORMOND; Radio's First Voice, The Story of Reginald Fessenden .** 1st edition, 1970. The story of the man who was the first to transmit the sound of the human voice without wires. He also developed the echo sounder, used to locate German submarines during WWI. He is often referred to as the Father of Wireless Telephony. 161 pages. 13 photos. Very Good condition. Uncommon. Softcover. $55.00

102. **THE WISDOM SOCIETY; The Wisdom Of Sarnoff and The World Of RCA .** 1st edition, 1968. An exceedingly rare biography of Sarnoff, never endorsed by him to sell. A nationwide attempt was made to invalidate the book and returns actively solicited through RCA (ref: "The General" page 273). Most copies were subsequently returned, this volume is one of the few which survive! Profusely Ilustrated! Includes an illustrated dust jacket. 449 pages. Fine condition. Very Rare. $115.00

103. **VYVYAN, R.N.; Marconi and Wireless (Wireless Over 30 Years) .** 2nd edition, 1974. This accurate treatise deals with Marconi's personal life as well as his experiments in wireless telegraphy up to 1930. Vyvyan was Marconi's senior engineer, and therefore presents an objective view of him and his work. Originally published in 1933 under the title "Wireless Over 30 Years", this book includes a nice dust jacket. 256 pages. 16 photos. 12 illus. Very Good condition. Scarce. $35.00

104. **WILE, FREDERIC WILLIAM; Emile Berliner; Maker of the Microphone .** 1st edition, 1926. This is a story of an inventive immigrant, whose invention of the microphone played a major role in the communications field. Many illustrations are presented in this volume, depicting early equipment. A very nice copy with very little wear. 253 pages. 30 photos. Very Good condition. Scarce. $40.00

105. **WILLIAMS, L. PEARCE; Michael Faraday .** 2nd edition, 1987. A thorough biography of this 19th century scientist. Includes many photos taken throughout his life, depicting the man who discovered electro-magnetic theory, setting forth many principles used in the invention of the electric motor. 531 pages. 36 photos. 30 illus. Very Good condition. Uncommon. Softcover. $20.00

106. **WOODBURY, DAVID O.; A Measure For Greatness (Edward Weston) .** 1st edition, 1949. An inspiring biography of Edward Weston, along with a chronological record of Weston's inventions cast against a background of the general development of the electrical art. Weston's electric motors, incandescant lamps and measuring devices substantially impacted technological development!! Ex-Library. 230 pages. 12 illus. Very Good condition. Scarce. $30.00

BIBLIOGRAPHY/REF

107. **BESTERMAN, THEODORE; A Bibliography of Sir Oliver Lodge .** 1st edition, 1935. An incredible assemblage of Oliver Lodge's works on electricity, wireless telegraphy, and psychical phenomena. Listed by number, there are a total of 1,156 books, papers, and articles written by the Master. Each entry is accompanied by the source, number of pages & date, as well as some annotations. 1st Copy we've ever had to sell!!! 219 pages. Good + condition. Very Rare. $195.00

108. **SHIERS, GEORGE; Bibliography Of The History Of Electronics** . 1st edition, 1972. A pioneer work dedicated to the listing of articles, books and other printed materials associated with the historical aspects of electronics and telecommunications. Subjects included are electricity, wireless, telegraph, television, telephone, radar, audio, biographies. A must for the serious historian of electrical technology. Great! 323 pages. Fine condition. Rare. $85.00

109. **SPENCER, K.J.; High Fidelity: A Bibliography Of Sound Reproduction** . 1st edition, 1958. This monumental work lists approximately 2600 entries representing all published information and research of the day on high quality sound reproduction. A specialized reference work, invaluable to the audio engineer and researcher. From the Croyden Library. Includes a nice dust jacket. 325 pages. Very Good condition. Rare. $55.00

110. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog (Volume 1 Only)** . 1st edition, 1909. This volume was a limited edition printed solely for the members of the American Institute Of Electrical Engineers. This was the famous library of Latimer Clark, sold to Wheeler & then donated to The IEE. This is Vol 1 only, containing all the books (2,447) in the collection , not the papers & periodicals It's a premier reference work!! 504 pages. Very Good condition. Rare. $185.00

BROADCASTING, SOCIAL

111. **DUNNING, JOHN; Tune In Yesterday** . 1st edition, 1976. The ultimate encyclopedia of old-time radio 1925-1976. This book is considered the bible for broadcast historians of the early radio programs. Contains hundreds of radio series from their inception to demise in later years. Alphabetized, it provides an excellent reference. Includes a nice dust jacket. A difficult book to obtain. 703 pages. Fine condition. Scarce. $95.00

112. **FELIX, EDGAR H.; Using Radio in Sales Promotion** . 1st edition, 1927. A book for advertisers, station managers, and broadcasting artists. One of the first books dedicated to providing the public with high quality programs and advertising. By eliminating all aspects that make for an unsuccessful rating. This is a presentation copy from the author to a famous radio author of the 20's; Raymond Francis Yates!!! 386 pages. 43 photos. Very Good condition. Rare. $55.00

113. **GOLDSMITH, ALFRED N. & LESCARBOURA, AUSTIN A.; This Thing Called Broadcasting** . 1st edition, 1930. A panoramic view of American broadcasting with historical details and a fine account of the industry in general, including the social and political side. An important volume on the history and development of radio broadcasting, the front cover is nicely embossed with a silver Western Electric microphone. 362 pages. 26 illus. Very Good condition. Scarce. $45.00

114. **HAYES, JOHN S.; Both Sides of The Microphone** . 1st edition, 1938. This book gives authoritative and useful information, for both those interested from a vocational angle as well as the vast multitude who just listen in. The authors discuss such branches of radio work as sales, programs, publicity, engineering, production, announcing and so on. Ex-library. 180 pages. Good + condition. Scarce. $15.00

115. **HENNEKE, BEN G.; The Radio Announcer's Handbook** . 1st edition, 1948. This seldom seen book was designed for the practicing radio announcer and student alike. It includes drill material and assignments on radio copy, ad-libbing, reading from scripts and script writing, Including nice dust jacket, this is the first copy we've seen!! There is an interesting bibliography at the end of the book. 308 pages. Very Good condition. Rare. $25.00

116. **KALTENBORN, H.V.; Fifty Fabulous Years 1900-1950** . 1st edition, 1950. This is the story of one of radio's most influential radio commentators. This personal review covers his work as a foreign correspondant and as a radio announcer during some of our most sensational times. Includes a nicely illustrated dust jacket. 312 pages. 20 photos. Very Good condition. Scarce. $20.00

117. **LACKMANN, RON; Remember Radio** . 1st edition, 1970. This book is a fond look at the faces of the heroes and heroines of radio programs from the 30's, 40's, and 50's. Chock full of photos & illustrations, radio listings, and scripts, Remember Radio covers the full range of radio greats. 128 pages. Fine condition. Uncommon. Dust Jacket. $15.00

118. **MCNAMEE, GRAHAM; You're On The Air** . 1st edition, 1926. A splendid view of what it was like to be behind the microphone in 1925. McNamee covers all aspects of broadcasting in the first days of radio, accompanied by many photos of early performers and station equipment. 207 pages. 40 photos. Very Good condition. Scarce. $20.00

119. **THOMAS, LOWELL; Magic Dials** . 1st edition, 1939. A wonderfully illustrated volume that covers the story of radio and television,depicted by numerous full page photos, many of them in color. It portrays a behind the scene glimpse of radio broadcasting. Illustrated by Anton Bruehl, this large (8 1/2" x 11") format book is the second copy we've had for sale. 146 pages. 61 photos. Very Good condition. Rare. $65.00

COMPUTER

120. **BERNSTEIN, JEREMY; The Analytical Engine** . 1st edition, 1964. A thought-provoking account of the past, present, and future of the computer. This book provides the common reader with an understanding of the machine which was to change the world. Including a nicely illustrated dust jacket, this is a nice copy of the 2nd printing. 113 pages. Fine condition. Uncommon. $20.00

121. **CASEY, ROBERT S., PERY, JAMES W.; Punched Cards: Their Applications To Science and Industry** . 1st edition, 1951. This is the 1st edition of the landmark book on punched cards. It gives a comprehensive treatment of equipment, applications & methods of organizing information for a system still in its infancy. It contains many photos & illustrations of primitive equipment. Includes an annotated bibliography of 677 items. From the IEEE Library. Neat!! 503 pages. Good + condition. Rare. $75.00

Computer

122. WOODBURY, DAVID O.; Let Erma Do It . 1st edition, 1956. A history of automation told in a straightforward fashion in the days of its infancy. Erma, the Electronic Recording Machine is disected by David Woodbury to depict from the binary system control to the various robotic functions. The author was research assistant to Dr. Vannevar Bush. Ex-library. 305 pages. 32 illus. Good + condition. Scarce. Dust Jacket. $20.00

ELECTRICITY

123. (TRADE CATALOG); Chicago Apparatus Co. Catalog #41 . 1st edition, 1929. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, coherer wireless outfits, telegraph apparatus, galvanometers, vacuum pumps, and other great demonstration equipment. 499 pages. Very Good condition. Rare. $145.00

124. (TRADE CATALOG); Manhattan Electrical Supply Co. . 1st edition, 1913. This is ahardcover Mesco catalog #25 containing thousands of beautiful illustrations depicting early telegraph, telephone, electrical and even blasting machines! Insulators, fans and testing gear are also found in abundance. There are even 11 pages with early wireless & spark apparatus! The covers are a bit worn, but overall a nice volume! 872 pages. Very Good condition. Rare. $265.00

125. (TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog F . 1st edition, 1929. A wonderful catalog illustrating any kind of scientific apparatus you could imagine! Geissler tubes, Wimshurst machines, X-Ray tubes & apparatus, electromagnets, induction coils, sound & optical apparatus, meters, galvanometers and even a coherer receiver/tramsmitter! The cover is nicely embossed in green & gold. 602 pages. 999 illus. Good + condition. Rare. $165.00

126. BADT, F.B.; Bell Hangers' Hand-book . 3rd edition, 1897. Generously illustrated with many electrical devices, such as testing instruments, alarms, bells, induction coils, and electromagnets. A very early text designed to aid in the repairand installation of alarm systems, incandescent lighting apparatus and measuring instruments. 105 pages. 98 illus. Good + condition. Scarce. $25.00

127. BALLHATCHET, ALBERT V.; Electrical Apparatus Making for Beginners . 1st edition, 1905. This practical handbook contains descriptions of a variety of apparatus which the inexperienced could construct with the simplest tools and materials, while obtaining a general electrical knowledge and increasing mechanical ability. Includes the Morse sounder, telephone, and measuring instruments. The covers and hinges are worn. 164 pages. 60 illus. Good condition. Scarce. $25.00

128. **DESCHANEL, A. AND (TRANSLATOR) EVERETT, PROF. J.D.; Deschanel's Natural Philosophy: Part III Electricity and Magnetism** . 1st edition, 1876. A fascinating volume, complete in itself (the other volumes, I, II and IV are on heat, light and mechanics). The static machine is covered in depth, along with great illustrations of early & seldom seen apparatus . Galvanometers, Crookes' tubes, (Contains a great color of tubes in action) & all forms of the telegraph are included. 278 pages. 230 illus. Very Good condition. Rare. $110.00

129. **FLEMING, J. A. (EDITOR); The Electrical Educator** . 1st edition, 1927. Contained in 3 large volumes, this is a comprehensive, practical and authoritative work on every phase of the electrical industry. It is fully illustrated with hundreds of photographs & drawings, covering such areas as wireless telegraphy, electric lamps, electric power, X-Rays, etc. First set of the 1st edition we've had for sale! 1064 pages. Very Good condition. Rare. $195.00

130. **HAMMOND, JOHN WINTHROP; Men And Volts: The Story Of General Electric** . 1st edition, 1941. This company history presents little known facts about Edison, Thomson and Steinmetz to name a few, along with an excellent history of the development of electricity. Includes a nice dust jacket by Rockwell Kent. 436 pages. 70 photos. Very Good condition. Scarce. $30.00

131. **HARNWELL, GAYLORD P.; Principles of Electricity and Electro-Magnetism** . 2nd edition, 1949. Everything known about electro-magnetism is discussed in this book, from electrostatics and dielectrics to thermionic vacuum tubes, electrical conduction in gases, magnetic properties, and radiation. A scarce title, this is the first copy we've had. 670 pages. Good + condition. Scarce. $15.00

132. **HOUSTON, EDWIN J.; Electrical Measurements** . 1st edition, 1893. An excellent overview of the theory & practical use of devices used in measurement, including topics such as arc & electric light, induction coils, motors and dynamos. Many intricate illustrations accent the text, especially the vast variety of galvanometers in use during the 19th century. A seldom seen volume!! 429 pages. 169 illus. Very Good condition. Rare. $95.00

133. **HOUSTON, PROF. EDWIN; Electricity In Everyday Life** . 1st edition, 1905. Probably the most complete work on electricity just after the turn of the century. Contained in 3 volumes, Vol. I covers the history and theory of electricity including a chapter on X-Rays, Vol. II is mainly devoted to arc & electric lighting, while vol. III covers telegraphy, telephony & wireless. Includes many illlustrations of apparatus. 1760 pages. 791 illus. Very Good condition. Rare. $95.00

134. **ILES, GEORGE; Flame, Electricity and The Camera** . 1st edition, 1900. Concentrating mainly on the chief uses of fire, electricity, and photography, the author strives to show major scientific developments of the 19th century. Wireless telegraphy, X-Rays and early incandescent lighting are highlighted. 398 pages. 93 illus. Very Good condition. Scarce. $35.00

135. JANSKY, CYRIL M.; Electrical Meters . 2nd edition, 1917. This could best be described as the most complete work on meters for the day. All types of measuring instruments are fully described and illustrated here, including watt-hour and RF meters. A very nice copy with a little wear along the spine. 416 pages. 314 illus. Very Good condition. Scarce. $65.00

136. JENKS, TUDOR; Electricity For Young People . 1st edition, 1907. A well illustrated volume containing an in-depth description of various electrical machines, telegraph apparatus, wireless, dynamoes, X-Rays, and an excellent history of electricity. The cover is nicely illustrated with two children experimenting with electricity, this is a neat book! 317 pages. 8 photos. 75 illus. Very Good condition. Scarce. $40.00

137. LODGE, SIR OLIVER; Atoms and Rays . 1st edition, 1924. An excellent introduction to 1924's modern views on atomic structure and radiation. This volume investigates the possibility of harnessing the atom using its relations between matter, energy and the ether. In this noted work, the great scientist Oliver Lodge, explains the ABC's of the atom in layman's terms. There's some underlining in red pencil. 208 pages. Good + condition. Scarce. $35.00

138. LODGE, SIR OLIVER; Modern Views of Electricity . 3rd edition, 1907. In this special work, Lodge describes conduction and magnetism with relation to electricity. Also covered are early experiments on the ether and electromagnetic & electrostatic interaction between light and electricity. The work of Hertz is explored in detail. Contains fine illustrations of early electrical apparatus. Covers are faded. 518 pages. 67 illus. Good + condition. Scarce. $55.00

139. MENDENHALL, T. C.; A Century of Electricity . 1st edition, 1887. This incredible book follows the development of the electrical art from 1770 through 1877. The first chapter describes the discoveries prior to 1800. Subsequent chapters document Galvani, Volta, and Oersted's work on electromagnetism, as well as the invention of the telegraph, telephone & light bulb. 229 pages. Very Good condition. Rare. $85.00

140. MILLER, JOHN A.; Men And Volts At War . 1st edition, 1947. The story of General Electric Company in World War II and their work in development and production of equipment for war use. Weapons, radar, X-Ray, and atomic research and development are but a few of the areas covered. Contains a Bookplate "Presented From General Electric". 272 pages. Very Good condition. Uncommon. $25.00

141. PASSER, HAROLD C.; The Electrical Manufacturers 1875 - 1900 . 1st edition, 1953. This book is a study of the origins and developments of the highly technical and competitive electrical manufacturing industry. Organized in three parts - arc lighting, incandescent lighting, and electric power - it tells the story of the industry's innovations and the engineer-entrepreneurs responsible for them. A highly desirable book. 412 pages. 14 illus. Fine condition. Rare. Dust Jacket. $115.00

142. **PHILLIPS, MAJOR RAYMOND; Ray Controlled Mechanism** . 1st edition, 1926. This book contains various methods of mechanism control by wireless, sound, and light, with special reference to the making and using of short range apparatus (Wireless controlled trains, boats and airplanes). A Nicely illustrated front cover shows apparatus with rays shooting out of it. 96 pages. 42 illus. Good + condition. Scarce. Softcover. $35.00

143. **REED, LYMAN C.; American Meter Practice** . 1st edition, 1903. This volume is dedicated to the study of electrical metering of Central Stations including their construction, characteristics, type, selection, ratings and loss. It covers the following meters; Edison Chemical, Thompson Recording Wattmeter, Duncan, Stanley, Guttman, and Westinghouse. A Very Rare Title, the first copy we've ever seen!! 196 pages. 78 illus. Very Good condition. Very Rare. $125.00

144. **RIDER, JOHN F.; The Meter at Work** . 1st edition, 1944. An elementary manual intended for use by the radio serviceman. The author employs an unusual style by dividing the book in two separate parts, one placed above the other. An interesting concept, one is able to cross reference text with illustrations. I've never seen another example quite like it! 152 pages. 136 illus. Very Good condition. Scarce. $20.00

145. **ST. JOHN, THOMAS M.; How Two Boys Made Their Own Electrical Apparatus** . 3rd edition, 1901. A wonderful book which contains complete directions for making all kinds of apparatus for the study of electricity. Many fine illust. are depicted, along with instructions for constructing magnets, induction coils, electric bells, and electric motors, etc. 141 pages. 125 illus. Very Good condition. Scarce. $40.00

146. **STEINMETZ, CHARLES P.; Transient Electric Phenomena and Oscillations** . 3rd edition, 1920. A very nice copy of Steinmetz's famous treatise on the constants of electric circuits, including high frequency conductors, standing waves, traveling waves and complex circuits. 696 pages. 111 illus. Very Good condition. Scarce. $30.00

147. **STILL, ALFRED; Soul Of Amber - The Background Of Electrical Science** . 1st edition, 1944. Electrical history from the earliest times, with the development of ideas, electrical machines, apparatus, instruments and theories of modern times. Well documented, with a chronological table and many chapter references. Companion volume to "Soul Of Loadstone". Includes a nice dust jacket. 274 pages. Very Good condition. Scarce. $35.00

148. **TUNZELMANN, G. W. DE; Electricity In Modern Life** . 2nd edition, 1902. An excellent sketch on electricity used in the daily life around the turn of the century. The history of the development and the scientific principles underlying practical applications are discussed in detail. This edition includes a full explanation of the X-Ray. 394 pages. 99 illus. Very Good condition. Scarce. $20.00

Electricity

149. **TYNDALL, JOHN; Faraday as a Discoverer** . 1st edition, 1870. The first biography written about the father of modern electricity, he developed the facts, relations, principles, and laws of electric current. Based upon his discoveries, the electric motor, telephone, and eventually wireless telegraphy were invented. The bottom 1/3 of the spine cover is missing and the covers are worn. 171 pages. Good condition. Rare. $55.00

HISTORY OF RADIO

150. **AITKEN, HUGH G.J.; Syntony and Spark: The Origins of Radio** . 1st edition, 1985. This is the story of the origin of radio and its progress from the development of Maxwell's theories, Hertz & Lodge's experiments to the more practical applications of Marconi. An in-depth treatment,with extensive references cited throughout the book. A well known important book for the historian! 347 pages. 36 illus. Very Good condition. Scarce. Softcover. $45.00

151. **AITKEN, HUGH G.J.; The Continuous Wave: Technology and American Radio, 1900-1932** . 1st edition, 1985. This book presents an in-depth history of wireless telegraphy from its discovery to the first few years of broadcasting. The achievements of such men as DeForest, Fessenden, Elwell and Armstrong are discussed in detail, as well as the political side of technology. The formation and early history of RCA is dealt with in depth, over 150 pages worth! 588 pages. 27 illus. Very Good condition. Scarce. Softcover. $45.00

152. **ALTH, MAX; Collecting Old Radios And Crystal Sets** . 1st edition, 1977. Published for the novice collector, this book gives an outline on the history of radio, along with a chapter on components. It describes the manufacturers and how to operate & repair old sets. There is a price guide covering many early battery and early AC sets at the end of the book. 76 pages. 53 photos. Fine condition. Uncommon. Softcover. $20.00

153. **ARCHER, GLEASON; Big Business and Radio** . 1st edition, 1939. This landmark book may best be described as a history of three simultaneous struggles involving technological, legal, and commercial fronts. Basically, it is the best history of RCA written, also including NBC, CBS, and many other important networks. The binding is nicely done in silver. Included is a fine autograph by the author!!! 503 pages. 21 photos. Very Good condition. Rare. $115.00

154. **ARCHER, GLEASON L.; History of Radio to 1926** . 1st edition, 1938. Probably the most sought-after work on the history of radio. This fine copy encompasses the history of the electric telegraph, its development to wireless telegraphy, wireless telephony, and finally to broadcasting. Includes many footnotes and references throughout the text. A beautiful copy in a nice silver binding!! 421 pages. 20 photos. Very Good condition. Rare. $125.00

155. BAARSLAG, KARL; SOS To The Rescue . 1st edition, 1936. The story of shipwrecks and the wireless operators who were instrumental in saving thousands of lives through their unfailing devotion. The collision between the Republic and the Florida, sinking of the Titanic, and rapid foundering of the Empress of Ireland are only a few of the exciting disasters described herein. 310 pages. 16 photos. Good + condition. Rare. $35.00

156. BAKER, W.J.; A History of The Marconi Company . 1st edition, 1970. The official version of Marconi's personal background & the most complete history of the company ever written. This is a fascinating treatise belonging in every radio historian's library. Included are many rare photos and illustrations obtained from the Company archives. 414 pages. 23 photos. 26 illus. Very Good condition. Uncommon. Dust Jacket. $55.00

157. BARNOUW, ERIK; A Tower In Babel * The Golden Web + The Image Empire (3 Volumes) . 1st edition, 1966. This is a famous set of 3 volumes of detailed radio history. The first volume covers the early history of wireless up to 1933, while the second volume covers 1933 - 1953, and the third volume takes the time trip from 1953 to 1970. These volumes represent much careful research and investigations. All 3 books have nice dust jackets. 1141 pages. 109 photos. 25 illus. Very Good condition. Rare. $95.00

158. BELL TELEPHONE LABORATORIES; A History Of Engineering & Science In The Bell System- The Early Years 1875-1925 . 1st edition, 1975. Written and edited by Bell laboratory engineers and scientists, this authoritive book discusses the underlying motivations and long term significance of the scientific and technological achievements of the Bell system during its first fifty years. Contains hundreds of photos and illustrations of early telephone apparatus. A Super Book! 1073 pages. Very Good condition. Uncommon. Dust Jacket. $55.00

159. BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System . 1st edition, 1984. This is the third volume of a series documenting the significant contributions of the Bell System to telecommunications technology, subtitled Communications Sciences (1925-1980). This book highlights research activities from the adventure of an intercity phone call in the 20's to the huge amount of data sent via digital electronics. 521 pages. Fine condition. Uncommon. Dust Jacket. $30.00

160. CLARKSON, R.P.; The Hysterical Background of Radio . 1st edition, 1927. This is largely a compilation of anecdotes about 362 men who paved the way for the development of radio. The author provides a lighthearted summary of experimenters in electricity, arranged chronologically from Gilbert to Edison. The inside hinges have been reinforced and the top of the spine has 1/2" of clear tape. 257 pages. Good + condition. Scarce. $35.00

161. DONALDSON, FRANCES; The Marconi Scandal . 1st edition, 1962. This work contains some rarely released information on the Marconi scandal of 1913 which is of equal proportion to the Teapot Dome Scandal. Winston Churchill almost lost his political future as a result. Includes a nicely illustrated dust jacket. 304 pages. 25 photos. Very Good condition. Scarce. $30.00

162. **DOUGLAS, ALAN; Radio Manufacturers Of The 1920's - Volume 3** . 1st edition, 1991. The third volume in this landmark series, it offers an outline history for each of the major firms from R through Z. Featured are company principals and their factories, biographical info on radio pioneers, financial figures, and page after page showing hundreds of photos of both common and rare receivers. 292 pages. Fine condition. Common. Softcover. $35.00

163. **DOUGLAS, ALAN; Radio Manufacturers Of The 1920's - Volume 2** . 1st edition, 1989. The second volume in this landmark series, it offers an outline history for each of the major firms from F through P. Featured are company principals and their factories, biographical info on radio pioneers, financial figures, and page after page showing hundreds of photos of both common and rare receivers. 266 pages. Fine condition. Common. Softcover. $35.00

164. **DOUGLAS, SUSAN J.; Inventing American Broadcasting 1899-1922** . 1st edition, 1988. An extensive history of wireless telegraphy from Marconi to the broadcast era. I personally recommend this to be the most accurate account of the development of pre 1922 wireless telegraphy. A comprehensive bibliography is included in this well written book. Includes a nicely illustrated dust jacket. 363 pages. Fine condition. Scarce. $65.00

165. **DUNLAP, ORRIN E.; The Story of Radio** . 2nd edition, 1935. A straight-forward account of wireless telegraphy including an excellent 31-page description of early television. A very good reference book on early broadcasting. 326 pages. 15 photos. Very Good condition. Scarce. $35.00

166. **EASTWOOD, ERIC; Wireless Telegraphy- The Royal Library Of Science** . 1st edition, 1974. This book presents a collection of reprints of papers given at The Royal Institution on the subject of wireless. Many important discoveries were presented there, by such noted scientists as Preece, Marconi, Fleming, Faraday and Eccles. Highlighted by many illustrations which accompanied the original papers. Scarce Title!! 391 pages. Fine condition. Scarce. $115.00

167. **FAHIE, J.J.; A History of Wireless Telegraphy 1838-1899** . 1st edition, 1900. The pioneer work in the history of wireless telegraphy, a first edition, first printing is rarely found. This edition includes a complete 25 page reprint of Marconi's patent from 1896. The researches of D.E. Hughes from 1879-1886 are included, as well as many other 19th century pioneers; Preece, Lindsay, Branly, Loomis... Nice!! 325 pages. 85 illus. Very Good condition. Very Rare. $225.00

168. **GOODWIN, GEORGE; Marconi: A War Record 1939 - 1945** . 1st edition, 1946. This book was offered to Marconi employees as a tribute to the men and women involved in the WWII wartime effort. The account is broken down battle by battle, accompanied by photos depicting Marconi's employees producing equipment for war along with many actual examples of ship and field installations. 125 pages. 79 photos. Good + condition. Scarce. Dust Jacket. $20.00

169. **GRAVES, CHARLES; The Thin Red Lines** . 1st edition, 1945. This book is an amazing collection of reports made by men and women employed in the cable and wireless network during WWII. It contains many personal detailed accounts of actual events including attacks and their consequences. Includes a nicely illustrated dust jacket. 183 pages. 25 photos. Very Good condition. Uncommon. $30.00

170. **HANCOCK, H.E.; Wireless at Sea: The First Fifty Years** . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian, this example is in nice condition with a damaged dust jacket! 233 pages. 80 photos. Very Good condition. Rare. $95.00

171. **HAZEU, H.A.G. (PHILLIPS CO,); Fifty Years Of Electronic Components 1921 - 1971** . 1st edition, 1971. Published by the N. V. Phillips Co., a history beginning in 1921 with the development of their first vacuum tube. The book encompasses the birth of television, radar, computers and all other forms of electronics. Many interesting photos & illustrations of early apparatus are shown. A highly recommended volume including a D/J. 344 pages. 250 illus. Very Good condition. Scarce. $45.00

172. **HOWETH, CAPT. L. S.; History of Communications-Electronics in the United States Navy** . 1st edition, 1963. Generally considered the leading reference on Naval wireless communication history. Presents much info on the early shipboard transmitters and receivers, and many rare photos and interesting illustrations. Exceedingly well documented, with over 1500 footnotes and references, this should be on every radio historian's bookshelf. 657 pages. Very Good condition. Scarce. $90.00

173. **INTERNATIONAL TELECOMMUNICATION UNION; From Semaphore To Satellite** . 1st edition, 1965. This large volume follows the rise in telecommunications from the telegraph through wireless telegraphy to the modern day satellite. Profusely illustrated with 100's of photos of early telephones, telegraph instruments, radios and radar equipment. 343 pages. Very Good condition. Uncommon. $40.00

174. **JOME, HIRAM M.; Economics Of The Radio Industry** . 1st edition, 1925. A seldom seen copy of radio industry's history, including chapters on the Marconi and RCA Companies. Published in the infancy of broadcasting in 1925, it highlights the early broadcast era, discussing problems with service both in marketing and broadcasting. A different approach to the history of radio. 332 pages. Very Good condition. Rare. $85.00

175. **LICHTY, LAWRENCE W. & TOPPING, MALACHI C.; American Broadcasting- A Source Book On The History Of Radio And Television** . 1st edition, 1975. This unique source book provides a comprehensive description and analysis of broadcasting in America from its pre- history to 1975. It is the most up to date, complete and accurate single volume on the development of radio & television now available. Includes an accurate bibliography of over 500 entries. The foredge has a small stain. 723 pages. Very Good condition. Uncommon. Softcover. $35.00

176. **MABON, PRESCOTT; Mission Communications; The Story of Bell Laboratories** . 1st edition, 1975. This is a history of the Bell Labs from its conception to 1975. Included are brief sketches of a number of Bell scientists such as Bode, Pierce, and Jansky. Hundreds of interesting photos accent this wonderful history of communications. 198 pages. Very Good condition. Scarce. Softcover. $30.00

177. **MARCONI'S WIRELESS TELEGRAPH CO.; Marconi Jubilee 1897 - 1947** . 1st edition, 1947. This is the commemorative pubication compiled by the Marconi company to celebrate the 50th anniversary of the establishment of the company. It is essentially a photgraphic history of the company and its' achievemnts thru the years. It depicts early apparatus including a photo of the wooden cased multiple tuner--- very nice!!! 57 pages. 52 illus. Very Good condition. Rare. $135.00

178. **MCMAHON, MORGAN; Vintage Radio** . 2nd edition, 1973. Morgan McMahon's expansion of Greenwood's original edition containing the best pictorial display of radio receivers, transmitters, tubes, horns and parts from the 1887 - 1929. The main reference book for the collector-historian. This is the hard to find hardcover edition, with a perfect dust jacket. 263 pages. Fine condition. Scarce. $35.00

179. **MITCHELL, CURTIS; Cavalcade Of Broadcasting** . 1st edition, 1970. A pictorial history of radio and television's growth and expansion. Including the scientists, stars, and pioneers of communication. Containing over 150 early radio and TV related photos, this book is covered with a nicely illustrated dust jacket. 256 pages. Very Good condition. Uncommon. $20.00

180. **MORSE, A.H.; Radio: Beam and Broadcast** . 1st edition, 1925. This rarely seen volume is presented with a different view. The author traces the history & development of radio through patent achievements, thereby lending the reader an entirely new set of information previously unpublished in this compilation on the history of wireless telegraphy. 192 pages. 20 illus. Very Good condition. Rare. $125.00

181. **PAWLEY, EDWARD; BBC Engineering 1922-1972** . 1st edition, 1972. A survey of the development of the BBC from it's inception in 1922. The engineer, and anyone with an interest in British broadcasting's achievements will appreciate this extra large volume containing more data than any other single source. The foredge is slightly soiled. 569 pages. 32 illus. Very Good condition. Scarce. Dust Jacket. $95.00

182. **RADUNSKAYA, I AND ZHABOTINSKY, M; Radio Today (English Translation of Rare Russian Book)** . 1st edition, 1959. Written at the height of the cold war era, this fascinating volume discusses in detail the Russian inventions of wireless, radar, computers, radioastronomy, etc.. A very interesting view of the development of electronics!! This rare volume contains many neat illustrationsof radio apparatus, culminating with the sputnik. 264 pages. 46 illus. Very Good condition. Rare. $65.00

183. REID, T.R.; The Chip: How Two Americans Invented the Microchip & Launched A Revolution. . 1st edition, 1984. An enthralling chronicle of how Jack Kilby and Robert Noyce hit upon a new idea which changed our daily life, and spawned a multibillion- dollar global industry, launching the "Second Industrial Revolution". This book explains the evolution of micro-electronics, from the Edison effect bulb to the microprocessor. Includes many bibliographic notes. 243 pages. 16 photos. Very Good condition. Scarce. Softcover. $35.00

184. RYDER, JOHN D. AND FINK, DONALD G.; Engineers & Electrons . 1st edition, 1984. The story of the technical development of electricity, containing hundreds of rarely seen photos from the archives of the IEEE library. A detailed bibliography is present at the end of each chapter. Published by the IEEE Press, this is a highly recommended history of the electrical field. Includes a nicely illustrated dust jacket. 251 pages. Very Good condition. Uncommon. $25.00

185. THE EDITORS OF THE ARMY TIMES; A History of The United States Signal Corps . 1st edition, 1961. This is the complete history of the Signal Corps, tracing its beginnings to the Civil War. Profusely illustrated with many photos and illustrations depicting the Signal Corps in action throughout it's first 100 years. Contains a nicely illustrated dust jacket. 192 pages. 104 photos. Very Good condition. Scarce. $40.00

186. THE MARCONIPHONE COMPANY, LIMITED; The Marconi Book of Wireless . 1st edition, 1936. This fascinating history of the Marconi Co. and biography of G.Marconi was written by the company while Marconi was still alive. Containing an in-depth history of the early years and many rare photos, it is probably the most accurate source for the early history of the Marconi Co.. 223 pages. 56 photos. 14 illus. Very Good condition. Scarce. $55.00

187. THIESSEN, ARTHUR E.; A History Of The General Radio Company . 1st edition, 1965. This history was published on the fiftieth anniversary of the company, which was the longest continuously operating electronic manufacturer in the country. This book gives a clear history of the Clapp-Eastham Co., as well as the General Radio Co., starting in 1905. The original glassine dust jacket is present. Very Nice!! 116 pages. Fine condition. Scarce. $95.00

188. VARIOUS; The AWA Review - Volume 1 1986 . 1st edition, 1986. This is the first review published by the AWA, and it set a standard for the following issues to come. Volume 1 included articles on Nikola Tesla, Philo Farnsworth, WWI radio amateurs, history of the National Co., and an extensive history of the Atwater Kent radio Co. complete with 20 photos of breadboards etc. Also Available Vols 2 - 9. 123 pages. Very Good condition. Scarce. Softcover. $45.00

JUVENILE

189. APPLETON, VICTOR; Tom Swift and His Wireless Message . 1st edition, 1911. This is one of the famous Tom Swift series, of of the first I believe. It includes the original dust jacket with 4 different scenes in each corner. The DJ is chipped on the edges & has yellowed tape along the borders. 211 pages. Good + condition. Rare. $30.00

Juvenile

190. **BALMER, EDWIN; Waylaid By Wireless** . 1st edition, 1909. This is a scarce juvenile fiction on the subject of wireless. The cover is nicely embossed & is in beautiful condition. The inside hinges have been reinforced with cloth tape. Ex-Library. 348 pages. Good + condition. Rare. $65.00

191. **BRUNDAGE, FRANCIS (ILLUSTRATOR); Billy Whiskers and The Radio** . 1st edition, 1927. This is one of the famous "Billy Whiskers" series, highlighting the escapades of Billy the goat and the broadcasting station!! 168 pages. Good + condition. Rare. $65.00

192. **ROLT-WHEELER, FRANCIS; The Boy With The U.S. Radio** . 1st edition, 1924. While this book endeavors to treat the history, theory, and methods of radio, it is not intended to be theoretical or technical. This book presents a non-fictional account of the development of radio. The front cover has a tipped-on real photo of a wireless operator at his station. 331 pages. 65 illus. Very Good condition. Uncommon. $30.00

LIGHT BULBS

193. **ALLSOP, F.C.; Practical Electrical Light Fitting** . 2nd edition, 1895. A treatise on the wiring and fitting up of buildings, and the laying down of private installations containing electric light apparatus. Profusely illustrated with many different types of light bulbs and fixtures, both Arc and Incandescant. The covers are a bit worn. 275 pages. 221 illus. Good + condition. Scarce. $45.00

194. **DU MONCEL, COUNT; L'Eclairage Electrique (Electric Lighting)** . 1st edition, 1879. An extremely early treatise on electric light, providing an excellent historical sketch of the light bulb. Most of the early dynamos are discussed and illustrated at length, along with many different types of electric lamps. A nice copy of the first edition written entirely in the French language. 316 pages. 70 illus. Very Good condition. Very Rare. $115.00

195. **HOWELL, JOHN W. AND SCHROEDER, HENRY; The History of the Incandescent Lamp** . 1st edition, 1927. The first full-length book written on the history of the incandescent lamp. Profusely illustrated, this book covers the development of the dynamo from 1831, as well as the incandescent lamp back to 1820. Many rare lamps from 1879 - 1901 are shown. 208 pages. 98 photos. 25 illus. Very Good condition. Scarce. $55.00

196. **KEATING, PAUL W.; Lamps For A Brighter America** . 1st edition, 1954. A history of the General Electric lamp business, containing an excellent early look into the invention and development of the incandescent lamp, and the vast industry inspired by it. A very informative book with a nicely illustrated dust jacket. 246 pages. Very Good condition. Uncommon. $25.00

197. **MARTIN, T. COMMERFORD; Forty Years of Edison Service 1882-1922** . 1st edition, 1922. This volume encompasses the growth and invention of Edison's earliest achievements during the 40 year span, as well as how they met the public's demands. Chapters include the invention of the Edison Lamp and Central Station Lighting System, Early Customers of the Edison Service and more. Includes many interesting illustrations and photos. 181 pages. Very Good condition. Rare. $75.00

MEDICAL ELECTRICITY

198. **BOYLE, T. CORAGHESSAN; The Road To Wellville** . 1st edition, 1993. A comical fictional account of Dr. John Harvey Kellogg (Yes- the same one that discovered THE Corn Flakes). It is filled with quackery & is designed to entertain, based on man's search for health & immortality. This group of cure-all fanatics will make your day!!! If you've seen the movie a few years ago you'll understand!! Signed by the author!! 476 pages. Very Good condition. Scarce. Dust Jacket. $25.00

199. **ERB, DR. WILHELM; Handbook Of Electro-Therapeutics** . 1st edition, 1883. A knowledgeable account of the role electricity plays in the treatment of various human diseases. Almost half the book is dedicated to special electro-therapeutics, singling out some rare maladies, and their causes and treatments by electricity. The top and bottom of the spine are worn. From the IEEE Library. 366 pages. 39 illus. Very Good condition. Rare. $85.00

200. **GUILLEMINOT, DR. W.H.; Electricity In Medicene** . Unknown edition, 1906. Originally published in French, this translation provides a thorough treatment of Static Electricity, X-Rays, and High Frequency applications in the early quack medical field. Includes illustrations of early & unusual apparatus, including 8 Color Plates of the test points on a human. 79 illus. Very Good condition. Rare. $125.00

201. **MASON, CHARLES F.; Medical Electricity** . 1st edition, 1887. An interesting medical book concentrating mainly on treatment by galvanic stimulation, and describing various electrodes used in this purpose.Includes some interesting illustrations of various electric probes and apparatus. 108 pages. Very Good condition. Scarce. $45.00

202. **TURNER, DAWSON; A Manual of Practical Medical Electricity, The Rontgen Rays and Finsen Light** . 3rd edition, 1902. From Wimshurst machines to Rontgen Rays, this manual has it all. A multitude of illustrations show early apparatus. An early book on the subject, large sections are devoted to electrotherapy, Finsen Light (Ultra-Violet Rays) and X-Ray. 396 pages. 168 illus. Good + condition. Rare. $125.00

MOTORS/DYNAMOS

203. **(STOCK CERTIFICATE); Brush Electric Light and Power Co.** . 1st edition, 1885. This is an original Stock Certificate for the Brush Electric company of Helena, Montana. It is not filled in, but the date of issue is printed: 188_, so this was printed sometime in the 1880's. It contains a beautiful Vignette of the Brush Electric Factory in Cleveland, with signs over the buildings saying "Brush Electric Light Machines". 1 pages. Very Good condition. Very Rare. $145.00

204. **BOTTONE, S.R.; The Dynamo** . 1st edition, 1886. This early book describes how dynamos are made and how they were used. Details are given on constructing your own dynamo! In nice condition with a bump at the top of the spine. 73 pages. 39 illus. Good + condition. Rare. $35.00

205. **HERING, CARL; Principles of Dynamo-Electric Machines** . 1st edition, 1890. An excellent treatise on the principles of the dynamo. This early work contains information for use in building, using and repairing dynamos in a concise and simple form. 279 pages. Good + condition. Scarce. $35.00

MISCELLANEOUS

206. **KAHN, DAVID; The Codebreakers .** 1st edition, 1968. The first and most comprehensive history of secret communication from ancient times to the threshold of outer space. Described are the events which molded modern cryptology, methods used to break cyphers, and especially many fascinating stories about the code breakers in action. Includes an extensive reference & bibliography section. 1164 pages. 35 photos. 160 illus. Very Good condition. Scarce. Dust Jacket. $55.00

PHONOGRAPH

207. **DARRELL, R.D.; The Gramaphone Shop Encyclopedia of Recorded Music .** 1st edition, 1936. This is an incredible compendium of rare songs recorded by artists from as early as the Crusades onward to 1935. It lists the artists by alphbetical order, the dates they were born and died, & describes the songs they wrote, the record ID number and the size & price of the records. A rare book for the discriminating collector of vinyl records. 574 pages. Very Good condition. Very Rare. $165.00

208. **PRESCOTT, GEORGE B.; The Speaking Telephone, Electric Light, and Other Recent Electrical Inventions .** 1st edition, 1879. This exceedingly rare book is the first to describe and illustrate the telephone and the electric light in such detail together. A total of 291 pages are devoted to the telephone, with many illustrations. A chapter is also devoted to the phonograph. The covers are a bit worn and the rear hinge is a little weak, but the interior is nice! 616 pages. 319 illus. Good + condition. Very Rare. $195.00

209. **READ, OLIVER AND WELCH, WALTER L.; From Tinfoil To Stereo .** 2nd edition, 1977. This book is the most comprehensive and best illustrated story of the phonograph from 1877 on up through the complex series of developments and inventions to the world of hi tech of today. An extensive bibliography is included, as well as hundreds of photos and illustrations of early machines. 550 pages. Very Good condition. Uncommon. Softcover. $25.00

POST 1930 RADIO

210. **(TRADE CATALOG); Allied Radio Corp. 1937 .** 1st edition, 1937. This is an early catalog published by the famous company. It has a colorful cover and is in very nice condition, with only some yellowing of the pages to detract from it. Included are short wave receivers, transmitters, tubes, speakers from such mfr's as RCA, RME, National, Hallicrafters, etc. & A page of crystal sets and accessories. 154 pages. Very Good condition. Rare. Softcover. $30.00

211. **(TRADE CATALOG); Allied Radio Corp. 1935 .** 1st edition, 1935. This is a Spring/Summer catalog published by this famous company. It has a colorful cover and is in very nice condition, with only some yellowing of the pages & a few chipped pages. Included are short wave receivers, transmitters, tubes, speakers from such mfr's as National, RCA, etc. There's also a page of crystal sets and accessories & Keys. 106 pages. Good condition. Rare. Softcover. $10.00

212. (TRADE CATALOG); Allied Radio Corp. 1940 . 1st edition, 1940. This is an early catalog published by the famous company. It has a colorful cover and is in very nice condition, with only a bit of yellowing of the pages. Included are short wave receivers, transmitters, tubes, speakers from such mfr's as RME, National, Hallicrafters, etc.& A page of crystal sets and accessories. 202 pages. Very Good condition. Rare. Softcover. $35.00

213. DOWSETT, H. M.; Handbook Of Technical Instruction For Wireless Telegraphists . 6th edition, 1939. A complete textbook providing theory, and practical information on all types of transmitters and receivers. Profusely illustrated, this volume covers many specific receivers; RDF equipment, microphones and transmitters including unusual Marconi Co. sets. The spine is worn along the edges. A great reference volume on 1930's commercial radios! 624 pages. 578 illus. Good + condition. Scarce. $35.00

214. GENERAL RADIO CO.; The General Radio Experimenter . 1st edition, 1927. A group of 74 different issues of the G-R Experimenter, dated from May, 1927 to June, 1940; Volume 1 #11 to Volume 15 #1. A variety of G-R apparatus is highlighted in each issue, along with details on testing apparatus. A goldmine of information for the collector or historian of General Radio equipment!! 1 issue is damaged. 490 pages. Very Good condition. Uncommon. Softcover. $115.00

215. GHIRARDI, ALFRED A.; Radio Field Service Data . 2nd edition, 1936. This rarely seen book is noted as the companion volume to "Modern Radio Servicing". As a supplement, it presents practical service information on hundreds of different receivers, from Atwater Kent to Zenith. In loose-leaf form, this is the second time we've seen this title! 402 pages. 70 illus. Good + condition. Rare. $35.00

216. GHIRARDI, ALFRED A.; Modern Radio Servicing . 1st edition, 1935. This is THE service manual for the radio recievers of the 1930's and 40's. This is simply the best book written on troubleshooting and repairing AC sets. If you want to repair radio's from the 1930's & 40's, this is the book for you! It even includes a nice dust jacket!! 1318 pages. 706 illus. Very Good condition. Uncommon. $35.00

217. GLASGOW, R.S.; Principles of Radio Engineering . 1st edition, 1936. This volume presents the fundamentals of radio communication, and their applications. One of the McGraw-Hill textbooks, it provides a thorough treatment of audio amplifiers, vacuum tubes, detectors and antenna systems. 520 pages. 344 illus. Very Good condition. Scarce. $20.00

218. HICKS, H.J.; Principles and Practice Of Radio Servicing . 1st edition, 1939. Included in this helpful book are the fundamentals of radio along with great chapters on radio tubes, test equipment, amplifiers, power supplies, loudspeakers & tone control circuits. An extensive chapter on PA systems & microphones provides a fine addition. This book is in beautiful condition. 305 pages. 211 illus. Very Good condition. Uncommon. $15.00

219. **KEEN, R.; Wireless Direction Finding** . 3rd edition, 1938. The most complete early work on Radio Direction Finding, this edition contains 549 interesting illustrations and photos. An excellent 28- page bibliography list 3803 entries, starting with Hertz's Electric Waves in 1893, continuing year by year til 1938. GS. 803 pages. Very Good condition. Scarce. $45.00

220. **MARCUS AND LEVY; Elements of Radio Servicing** . 1st edition, 1947. A dynamic overview of basic radio servicing practices, specifically restricted to the superheterodyne. Its various stages are analyzed and remedies given, using simple, practical advice. Many drawings accent the text. One of the best all-around titles on radio repairing. 475 pages. 397 illus. Good + condition. Uncommon. $15.00

221. **MORGAN, ALFRED; The Boys' First Book Of Radio And Electronics** . 2nd edition, 1962. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations make it a simple process to build your own radio receiver and explain the principles upon which they operate. Includes a nicely illustrated dust jacket. 230 pages. 137 illus. Very Good condition. Scarce. $35.00

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226. **RIDER, JOHN F.; Vaccuum Tube Voltmeters** . 1st edition, 1941. One of the most valuable aids in the electronic field, the VTVM has been utilized by every student and engineer who ever picked up a clip lead. This book covers every facet of the VTVM including the fundamentals, operation, design, construction, calibration and testing of all types of circuits. Contains many references & a bibliography. 179 pages. 93 illus. Very Good condition. Uncommon. $15.00

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229. **STERLING, GEORGE E.; The Radio Manual** . 4th edition, 1950. A profusely illustrated manual, including many photos of early commercial transmitting and receiving equipment. This book specializes in aeronautical and maritime electronics such as radio direction finders and auto alarms. An extensive chapter on television is provided as well as FM & broadcast studio equipment. 890 pages. 584 illus. Very Good condition. Uncommon. $30.00

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262. **LANE, BASIL (WIRELESS WORLD); HI-FI Yearbook 1975 . 1st edition,** 1975. A valuable and reliable source of information on new HI-FI products and their manufacturers. Includes hundreds of photos of audio gear such as amplifiers, microphones, loudspeakers, tuners etc. In hardcover form with a nicely illustrated dust jacket. 484 pages. Very Good condition. Uncommon. $15.00

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270. SHEA, RICHARD F.; Amplifier Handbook . 1st edition, 1966. This giant handbook encompasses virtually every phase of electronic amplification. It represents an enormous source of both amplifying techniques and specific circuits. It includes enough material to permit the design of circuits other than those represented and many hundreds of diagrams & illustrations. From The Collins Co. Library! 1543 pages. Very Good condition. Scarce. $115.00

271. SLOT, G.; Audio Quality . 1st edition, 1964. Published by N.V. Philips in 1964, the author searches for methods to produce the highest quality of sound reproduction. Some of the the chapters include loudness level and power requirements, non-linear distortion, frequency response, pitch deviation and background noises. 156 pages. 61 illus. Very Good condition. Scarce. Softcover. $30.00

272. SPENCER, K.J.; High Fidelity: A Bibliography Of Sound Reproduction . 1st edition, 1958. This monumental work lists approximately 2600 entries representing all published information and research of the day on high quality sound reproduction. A specialized work of reference invaluable to the audio engineer and researcher. From the Croyden Library. Includes a nice dust jacket. 325 pages. Very Good condition. Rare. $55.00

273. SPROXTON, COLIN (EDITOR); HI-FI Yearbook 1973 . 1st edition, 1973. A valuable and reliable source of information on new HI-FI products and their manufacturers. Includes hundreds of photos of audio gear such as amplifiers, microphones, loudspeakers, tuners etc. In hardcover form with a nicely illustrated, though chipped, dust jacket. 464 pages. Very Good condition. Uncommon. $15.00

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292. PRESCOTT, GEORGE B.; **The Electric Telephone** . 2nd edition, 1890. A rarely seen and much enlarged 2nd edition of Prescott's premier work on the telephone, it's the 2nd copy that's ever come across my path. The early history is enhanced by superb illustrations and folding plates of historic apparatus. The many inventors whose contributions led to the telephone are discussed in detail. The endpapers are new. 795 pages. 516 illus. Good + condition. Very Rare. $295.00

293. SHEA, T.E.; **Transmission Networks And Wave Filters** . 1st edition, 1929. This book is concerned with the design and development of wave filters and networks as applied in telephone service. The author was an engineer at Bell Telephone Labs, and some of his fellow scientists also contributed to this volume. This is a hard to find first printing of the first edition. 469 pages. 262 illus. Very Good condition. Scarce. $15.00

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TELEGRAPHY

295. (TRADE CATALOG) EDISON PHONOPLEX CO.; **The Edison Phonoplex System of Telegraphy** . 1st edition, 1892. This is a wonderful catalog showing Edison's new system of telegraphic communication. The first copy we've had for sale, it contains beautiful engravings of each piece of apparatus comprising this system. This catalog contains many excellent testimonies from well known companies using the system. A Great Piece!! 38 pages. Very Good condition. Very Rare. Softcover. $145.00

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97. **BLONDHEIM, MENAHEM; News Over the Wires; The Telegraph and The Flow of Public Information 1844-1897** . 1st edition, 1994. This fascinating book tells the story of the history of telegraphic news gathering and evaluates the effect of innovative technology in this important area. It contains an indepth bibliography and many references throughout the text. Includes an nicely illustrated dust jacket. A must for the telegraph historian! 305 pages. Very Good condition. Uncommon. $40.00

98. **BRIGGS, CHARLES F. AND MAVERICK, AUGUSTUS; The Story Of The Telegraph and A History Of The Great Atlantic Cable** . 1st edition, 1858. A complete record of the inception, progress, and final success of the Atlantic Cable, including a general history of land and oceanic telegraphs, with descriptions of telegraphic apparatus and biographical sketches of the principal persons involved. Includes a hand colored folding map. A nice tight copy, but the cover is faded. 255 pages. 13 illus. Good + condition. Very Rare. $195.00

99. **BRIGHT, CHARLES; The Story Of The Atlantic Cable** . 1st edition, 1903. An accurate account of the trials and tribulations of Charles T. Bright. Includes many illustrations depicting apparatus and cable, as well as the ships that were used in the endeavor. A history of other submarine cable attempts is also covered. The real story of the Atlantic Cable told by one person who was there. X-Library. 220 pages. 45 illus. Very Good condition. Rare. $75.00

00. **DIBNER, BERN; The Atlantic Cable** . 1st edition, 1959. This book traces the laying of undersea telegraph cables from the first expedition across the English Channel in 1851, through the many trials of the Transatlantic cable. Included are many fine illustrations and an excellent bibliography, as well as a folding map showing the routes of the various expeditions. 96 pages. 52 illus. Very Good condition. Uncommon. Softcover. $25.00

01. **DORF, PHILIP; The Builder: A Biography of Ezra Cornell** . 1st edition, 1952. This is the story of the man who helped Morse with improving his telegraph instruments as well as laying the first line from Baltimore to Washington. It is really a overview of the early history of the various telegraph companies, and the role played by Cornell. This book is signed by the author, Philip Dorf!! 459 pages. 7 photos. Fine condition. Scarce. Dust Jacket. $55.00

302. EDISON, THEODORE A.; Telegraphy Self Taught . 2nd edition, 1918. A complete manual of instruction, containing chapters and lessons on all branches of telegraphy. Included are experiments in magnetism and electricity for operators, as well as illustrations of early telegraph apparatus. It has a nicely embossed front cover showing a telegraph operator at work. From the US Navy library. 172 pages. 18 illus. Very Good condition. Uncommon. $45.00

303. GABLER, EDWIN; The American Telegrapher: A Social History, 1860 - 1900 . 1st edition, 1988. This important book follows the social life of the early telegrapher and gives a day to day account of what it was like to be the most important person in a small town. It describes the technological advances in the field, early companies, rates of pay, formation of unions, etc. Contains an extensive bibliography and many references. 264 pages. 7 illus. Very Good condition. Scarce. $55.00

304. GOLDSMID, COLONEL SIR FREDERICK JOHN; Telegraph and Travel . 1st edition, 1874. An in-depth history of the development of the Europe-to-India & Red Sea telegraph systems. The political difficulties as well as the actual construction of the overland & submarine cables are discussed in detail. The front cover has a nicely embossed illustration in gold. Includes a nice folding color map, the book is worn on the extremeties. 673 pages. 347 illus. Good + condition. Very Rare. $245.00

305. HARLOW, ALVIN F.; Brasspounders: Young Telegraphers Of The Civil War . 1st edition, 1962. A fascinating true account of young Civil War telegraphers. Written by an authority in the field, this book provides a unique view of this special group. Includes a nicely illustrated dust jacket. The author is noted for his important book, "Old Wires and New Waves". 159 pages. 6 photos. Very Good condition. Rare. $65.00

306. HARRISON, H.H.; Printing Telegraph Systems and Mechanisms . 1st edition, 1923. An excellent reference for use either by a telegraph equipment designer or as a text for a telegraph demonstrator. Many systems are detailed including Hughes, Murray, Creed, Rowland, Baudot & Pendel. Highlighted by a multitude of illustrations, this volume provides a straightforward account how telegraph registers work. Spine is worn. 435 pages. 420 illus. Good + condition. Rare. $65.00

307. HAUSMANN, ERICH; Telegraph Engineering . 2nd edition, 1922. A reference book for practicing telegraph and telephone engineers. It describes many telegraphic devices and their operation including those used in modern overland and submarine telegraphy. Contains many fine illustrations of early equipment as well as a chapter on municipal telegraphs, including fire alarm, explaining their use and operation. 406 pages. 192 illus. Very Good condition. Scarce. $75.00

308. HIS MAJESTY'S STATIONARY OFFICE; Army Telegraphy And Telephony Vol. 1 Instruments . 1st edition, 1914. This book, printed at the beginning of WWI, describes the various telegraph and telephone apparatus used at the time in the British armed forces. Profusely illustrated with hundreds of diagrams and line drawings of early galvanometers, telegraph & telephone gear. The covers are worn, but hinges are tight. There's a Name on foredge. 356 pages. Good condition. Rare. $65.00

09. I.C.S.; **Telephone and Telegraph Engineers' Pocketbook** . 1st edition, 1912. A handy reference book for all those interested in telegraph and telephone systems, location of faults, electricity, magnetism, electrical measurements and batteries. Profusely illustrated with many diagrams and equipment of the period. A very nice volume in great condition. 398 pages. 285 illus. Very Good condition. Uncommon. $25.00

10. JOHNSTON, W.J.; **Telegraphic Tales and Telegraphic History** . 1st edition, 1880. A comprehensive survey of telegraphic information for both the operator and the general public. Written by the author of the popular book; Lightning Flashes, it includes some anecdotes and stories. A scarce volume, the first we've had to offer in our catalog. The cover & spine is nicely embossed and illustrated. A Nice Copy!! 254 pages. Very Good condition. Rare. $115.00

11. LARDNER, DIONYSIUS; **The Electric Telegraph** . 1st edition, 1855. An incredibly early book dedicated to the telegraph. All the various forms of the telegraph are covered in detail, including just about every system that had been devised in Europe up to 1855. Many engravings accompany the text, showing a hump-back key, weight driven register, dial telegraph etc. The spine is chipped at top. 244 pages. 92 illus. Good + condition. Very Rare. $345.00

12. LOCKWOOD, THOMAS D.; **Electricity, Magnetism, and Electric Telegraphy** . 1st edition, 1883. This well known treatise contains early knowledge on the telephone, as well as induction coils, electromagnetism, telegraphy, electro-therapeutics, and other applications of electricity. Contains many engravings of early telegraph and electrical apparatus. The covers are worn & hinges are a bit weak. 377 pages. 152 illus. Good + condition. Scarce. $75.00

13. MACOMBER, GEORGE S.; **Modern Land and Submarine Telegraphy** . 1st edition, 1914. An up-to-date (!) treatise on the electric telegraph, including the development of modern methods and equipment. A scarce title covering the development of both submarine and land telegraphy, detailing the commercial and technical phases of the art. Contains many nice photos, including an early Vibroplex (Albright) and Morse's first recorder. 89 pages. 59 illus. Very Good condition. Rare. $85.00

14. MCDONALD, PHILIP B.; **A Saga of the Seas** . 1st edition, 1937. This fine book tells the story of the laying of the first Atlantic Cable and the New York merchant, Cyrus W. Field, who made it possible by his enlistment of British engineers and ships. This chronicle relates how the difficult feat was accomplished after many years of failure. Includes an illustrated dust jacket, tho stained & tapedh. 288 pages. 11 photos. Very Good condition. Scarce. $40.00

15. MCNICOL, DONALD; **Duplex and Quadruplex Telegraphy** . 2nd edition, 1923. This is a 2 volume set that covers everything on sending 2 messages simultaneously in opposite directions over one wire (Duplex) and also the simultaneous transmission of 4 independent messages, 2 in one direction & 2 in the other over the same wire (Quadruplex). Includes many illustrations and circuit diagrams for easy explanation. 219 pages. 98 illus. Very Good condition. Rare. $45.00

316. **NICOLAY, HELEN; Wizard of The Wires: A Boy's Life of Samuel F.B. Morse** . 1st edition, 1939. This was the first full length biography for young readers, of the famous inventer of the telegraph. It is an authentic and historical account of the trials that Morse went through to perfect the telegraph. It is a thick book and a good read... it's the first copy we've had for sale! 326 pages. Very Good condition. Rare. $55.00

317. **POPE, FRANK L.; Modern Practice of the Electric Telegraph** . 12th edition, 1892. A handbook for electricians and operators of the electric telegraph with descriptions of the galvanic battery, electromagnetism, and telegraph circuits. Many fine illustrations and diagrams of early telegraph equipment are shown, along with some great ads from early manufacturers. 234 pages. 184 illus. Good + condition. Rare. $115.00

318. **PRESCOTT, GEORGE B.; History, Theory and Practice of the Electric Telegraph** . 3rd edition, 1866. This book explains the principles and operations of various systems of telegraphy, including a history of electricity and electromagnetic theory. A classic volume on the early development of the telegraph, it portrays many fine illustrations of early telegraph and electrical apparatus. The covers are faded and the rear blank endpaper is gone. 508 pages. 111 illus. Good condition. Rare. $145.00

319. **ROUTLEDGE, ROBERT; The Electric Telegraph** . 1st edition, 1895. An neat early book dedicated to the telegraph, all the various forms of the telegraph are covered in detail, including the pneumatic, acoustic and optical forms. Many engravings of apparatus accompany the text, The corner of one page is torn, not affecting the text. This was translated from the french book by Ternant. Nice!! 289 pages. 193 illus. Good + condition. Rare. $165.00

320. **SHALER, ROBERT; The Boy Scouts of The Signal Corps** . 1st edition, 1914. An early juvenile book depicting a vintage boy scout on the front cover using semaphore flags. This is the first copy we've had. 160 pages. Very Good condition. Rare. $35.00

321. **TERNANT, A. L.; Le Telegraphes** . 1st edition, 188. This is a wonderful book covering all the different systems of telegraph operation, including the Morse, Hughes, Wheatstone, Siemens, and even Duplex operation. The Atlantic Cable is covered indepth, as well as the inventors. This book is written in French & has many great illustrations of rare apparatus. The cover is nicely embossed in gold! 368 pages. 192 illus. Very Good condition. Very Rare. $110.00

322. **THOMPSON, ROBERT LUTHER; Wiring A Continent** . 1st edition, 1947. This is the complete history of the telegraph industry in the United States from 1832 - 1866. The invention of the telegraph, along with the formation of the companies, the litigation, and other problems are well covered here. An extensive bibliography is also included. It has an illustrated dust jacket. 544 pages. 73 illus. Very Good condition. Uncommon. $80.00

Telegraphy

323. ULSAMER, GREGOR; Faszination Morsetasten (Coffee Table Book For Telegraph Collectors) . 1st edition, 2001. This great reference work is printed on quality high gloss paper and is written in German. It contains 400 fine photographs and diagrams and includes over 250 telegraph key designs, from more than 100 manufacturers. This book follows the development of European telegraph apparatus from landline to spark to Bugs!! A great collector's Guide!! 180 pages. 400 illus. New condition. Uncommon. Softcover. $40.00

324. WILSON, GEOFFREY; The Old Telegraphs . 1st edition, 1976. This is a comprehensive study of the predecessor of the electro-magnetic telegraph, portraying the shutter, semaphore & other kinds of visual mechanical telegraphs developed in the late 18th & early 19th centuries. The author has drawn on many original sources to supply never before published information. Extensive bibliography. 252 pages. 90 photos. 40 illus. Fine condition. Uncommon. Dust Jacket. $35.00

TRANSISTOR

325. BELL TELEPHONE LABORATORIES INC.; The Transistor . 1st edition, 1951. WoW!!!! An incredibly rare volume that covers the same ground and supplements the talks given at a Symposium on Transistors held at Bell Labs on Sept. 17, 1952. This important book covers the development of transistors, their properties & circuit applications, using technical articles by famous men such as Shockley, Morton & Ryder. Very Nice! 792 pages. 341 illus. Very Good condition. Extremely Rare. $295.00

326. RCA CORP.; Transistors: Today and Tomorrow . 1st edition, 1953. One of the first booklets published by RCA on the new curiosity of the day- the transistor. It covers the history as well as its advantages over vacuum tubes and future applications. It shows a nice group of experimental devices built at The David Sarnoff Research Center including a television, radio, electric guitar and auto radio! 24 pages. 23 illus. Very Good condition. Rare. Softcover. $35.00

327. SHOCKLEY, WILLIAM; Electrons And Holes In Semiconductors . 1st edition, 1956. A landmark work on solid state electronics, this is the first full length book published on the subject. Shockley's disclosure revolutionized the electronics industry, earning him the title of Father of the transister. A nice copy of this exceedingly rare volume, this is the 6th printing. 558 pages. Very Good condition. Rare. $65.00

TESLA & HIGH VOLTAGE

328. (AUCTION CATALOG) CHRISTIE'S AUCTION HOUSE; The Nicholas Webster Collection Of Geissler And Crookes Tubes . 1st edition, 1991. This fabulous catalog contains the largest private collection of early electrical apparatus that has ever been offered for sale. Nearly every item is pictured, with 28 of them in full color! A total of 250 lots with 1,000 items are listed, including induction coils, X-Ray tubes, static machines, Crookes' tubes, galvanometers, includes price list!!! 54 pages. Very Good condition. Uncommon. Softcover. $85.00

329. **(PERIODICAL); The Century Illustrated Magazine; May to October, 1900** . 1st edition, 1900. This volume of Century Magazine includes a 37 page article by Nikola Tesla about some of his recent discoveries. The article is titled "The Problem of Increasing Human Energy With Special Reference To The Harnessing Of The Sun's Energy". Includes some super photos of high voltage experiments. A handsome volume with very slight cover stains. 960 pages. 59 photos. Very Good condition. Rare. Softcover. $85.00

330. **ANDERSON, LELAND; Nikola Tesla On His Work With A.C. and their Application To Wireless Telegraphy** . 1st edition, 1992. This book is an extended interview presenting new information on Tesla and his pioneering work with wireless telegraphy conducted by his legal counsel in 1916. The work at his Grand street laboratory and the establishment of the towering Wardencliffe plant on Long Island is thoroughly explained. A very nice addition to your Tesla Library. 237 pages. Fine condition. Uncommon. Softcover. $30.00

331. **COLLINS, A. FREDERICK; Design & Construction Of Induction Coils** . 1st edition, 1909. Written by a pioneer in wireless telegraphy, this book gives the construction details and many illustrations for 8 different induction coils, which range in size from 1/2" to 12". Meticulous care is given in each step to achieve the best possible results. This is an beautiful book, rarely found in this condition. Knight's List # 58. 272 pages. 155 illus. Very Good condition. Very Rare. $225.00

332. **HALLER, GEORGE AND CUNNINGHAM, ELMER; The Tesla High-Frequency Coil** . 1st edition, 1910. The construction of the Tesla coil and its related apparatus is well described and illustrated in this seldom seen book. The uses of the coil, such as the X-ray and Geissler effect, are also discussed. A perfect book for the Tesla zealot, containing little math theory, but much detail on the assembly of different coils. Rear cover is spotted. 119 pages. 56 illus. Good + condition. Very Rare. $130.00

333. **HUNT, INEZ & DRAPER, WANETTA W.; Lightning In His Hand: The Life Story Of Nikola Tesla** . 1st edition, 1964. Written to inspire young scientists and ensure Tesla wouldn't be forgotten, the authors worked with the Library Of Congress to include previously unpublished correspondence in this new account. Including a nicely illustrated dust jacket, this is a nice dedication copy signed by both authors!! 269 pages. 18 photos. Very Good condition. Scarce. $55.00

334. **KAYE, G.W.C; High Vacua** . 1st edition, 1927. If you're into vacuum pumps, X-Ray tubes, high vacuum technique or the discharge in vacuum tubes, then this is the book for you! A hard to find title, it starts with an interesting history of the vacuum pump, and thoroughly explores electric discharges in vacuum tubes and high vacuum techniques, metal to glass joints, and much more. Nice!! 175 pages. 4 photos. 91 illus. Very Good condition. Rare. $75.00

335. LOEB, LEONARD B.; Electrical Coronas: Their Basic Physical Mechanisms . 1st edition, 1965. This ia a large thorough treatise on the important subject of electrical Coronas! From St. Elmo's Fire to High Vacua and high voltage, it's all covered here, including the history and of coronas and the physics of everything that produces them. The spine & hinges have been repaired with clear tape. From The IEEE Library in NY. 694 pages. 26 illus. Good condition. Rare. $75.00

336. MOORE, A.D.; Electrostatics- Exploring, Controlling, and Using Static Electricity . 2nd edition, 1997. This book covers the history, theory and uses of static electricity. It includes many detailed explanations & reviews early investigations by Ben Franklin, Michael Faraday and others. It also has extensive information on how you can build your own generators and perform experiments using plexiglass materials. This is a later softcover prtg. 243 pages. 40 illus. Very Good condition. Uncommon. Softcover. $15.00

337. NORRIE, H.S.; Experimenting With Induction Coils . 1st edition, 1908. This book contains practical directions for operating induction coils and Tesla coils, and also shows how to make the apparatus needed for the numerous experiments described. Fully illustrated with many drawings of Geissler tubes, Leyden jars and Tesla coils. There is a 30 page catalog of early electrical and wireless books at the rear. 73 pages. 26 illus. Very Good condition. Rare. Softcover. $95.00

338. O'NEILL, JOHN J.; Prodigal Genius; The Life Of Nikola Tesla . 1st edition, 1968. The first biography of this great scientist and inventor. A hard to find copy of the first edition which covers most of the important experiments with motors, wireless telegraphy, and high voltage that he performed throughout his long career. Includes a nice dust jacket. This is the first British edition. 326 pages. Very Good condition. Scarce. $35.00

339. STORM, MARGARET; Return of the Dove . 1st edition, 1959. An unusual and scarce biography of Nikola Tesla. The author has an interesting point of view, elaborating on the genius & his encounters with various personalities, including other biographers. Privately printed by the author, a one-of-a-kind focusing on Tesla's cosmic influences. Includes a nice dust jacket. 294 pages. Very Good condition. Rare. $55.00

340. TESLA, NIKOLA; Experiments with Alternate Currents of High Potential and High Frequency . 2nd edition, 1904. A fine 2nd edition of Tesla's epical treatise on high potential and high frequency. To my knowledge, this is the only book that Tesla ever wrote. This edition covers Tesla's experiments on the transmission of electric energy without wires, with photos of his laboratories. This book is from IBM Research Library and has had the bookplate removed. 162 pages. 6 photos. 35 illus. Very Good condition. Very Rare. $225.00

TELEGRAPH-TELEPHONE

341. (TRADE CATALOG); Manhattan Electrical Supply Co. . 1st edition, 1910. This is Mesco catalog # 22 containing hundreds of beautiful illustrations depicting early telegraph, telephone, electrical meters & quack medical apparatus! Insulators, fans and testing gear are also found in abundance. A "Confidental Price List" is loosely inserted in the book. A very nice catalog with little wear!! 145 pages. Very Good condition. Rare. Softcover. $115.00

342. (TRADE CATALOG); Manhattan Electrical Supply Co. . 1st edition, 1915. This is Mesco catalog #28 containing hundreds of beautiful illustrations depicting early telegraph, telephone, electrical and even wireless apparatus! Insulatòrs, fans and testing gear are also found in abundance. There is clear tape on the spine and the front cover is chipped along the edges. Includes the dealer's price list. 248 pages. Good + condition. Rare. Softcover. $115.00

343. HIS MAJESTY'S STATIONARY OFFICE; Army Telegraphy And Telephony Vol. II Lines . 1st edition, 1914. This book, printed at the beginning of WWI, describes and shows the various telegraph and telephone cables, wiring, poles, fittings, insulators and the testing of all circuits. Profusely illustrated with hundreds of line drawings of early gear. The covers are somewhat worn, but the inside is very nice. 198 pages. Good + condition. Scarce. $55.00

344. MORGAN, ALFRED P.; The Boy Electrician . 1st edition, 1914. This work is recommended for all boys interested in electricity, telegraphy, and telephony. Simple explanations of principles of wireless telegraphy are given, enabling any person with a scientific type of mind to excel in the field. Information on Tesla coils, X-Rays and geissler tubes are also included. The cover is nicely embossed. 394 pages. 324 illus. Very Good condition. Scarce. $45.00

TELEVISION

345. APPLETON, VICTOR; Tom Swift And His Television Detector . 1st edition, 1933. The first juvenile book printed in the U.S. to deal entirely with television. A must for the juvenile book collector or the TV historian. 217 pages. Good + condition. Scarce. $30.00

346. BAIRD, MARGARET; Television Baird . 1st edition, 1973. The story of the man who invented television, told by his wife. Contains some nice photos of his early experiments. A fine personal account of Baird's experiments. 160 pages. 15 photos. Fine condition. Uncommon. Dust Jacket. $30.00

347. COLLINS, A. FREDERICK; Experimental Television . 1st edition, 1932. An important volume written by a pioneer experimenter in wireless telephony, discussing the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. This is a quality reprint published by Lindsay Publications in 1991. 313 pages. 185 illus. New condition. Rare. Softcover. $10.00

48. DAVIS, ANTHONY; Television - The First Forty Years . 1st edition, 1976. Written on the 40th anniversary of the first regular TV service, this background book informs the public as to what television is really about. It covers the growth and technical development of the art, as well as the organization and current affairs. Containing many photos, it includes a nicely illustrated dust jacket. 159 pages. Very Good condition. Uncommon. $25.00

49. DUNLAP, ORRIN E.; The Outlook For Television . 1st edition, 1932. The romance and commercial possibilities of television beginning with a historic overview, one of the best I've seen, as this writer was very prolific during the 30's and 40's. Included is an excellent chronology, entitled: "The calendar of Television-Radio-Wireless". A copy of this should be on every TV historian's bookshelf! Nice D/J! 297 pages. Very Good condition. Rare. $85.00

50. DUNLAP, ORRIN E. JR.; Understanding Television . 1st edition, 1948. Written by the author of The Outlook For Television, this book reveals the magic of television in a straightforward manner. Many photographs highlight the text, & a glossary and short bibliography provide additional information. 128 pages. 40 illus. Very Good condition. Scarce. $25.00

51. EDDY, WILLIAM C.; Television - The Eyes Of Tommorrow . 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained in detail and shown in the many photos present. The television control room, studio, and stage are thoroughly described. There is even a chapter on color television! 330 pages. Very Good condition. Scarce. $55.00

52. EVERSON, GEORGE; The Story Of Television; The Life Of Philo T. Farnsworth . 1st edition, 1949. A dramatic and absorbing story for the layman, written by a close associate, promoter, backer, and strong supporter of the inventor. This was the only biography written on this television pioneer until recently, so it is rich in the early history of TV. 266 pages. 8 photos. Very Good condition. Rare. $45.00

53. FELIX, EDGAR H.; Television- It's Methods And Uses . 1st edition, 1931. An early treatise on scanning disc television, with only a casual mention of the cathode ray system. Containing many photos of early apparatus and experiments, it also includes an interesting chapter on the future of television. 272 pages. 73 illus. Very Good condition. Rare. $95.00

54. FINK, DONALD G. (EDITOR); Television Standards And Practices- N.T.S.C. . 1st edition, 1943. This volume was compiled from the Proceedings Of The National System Television Committee (NTSC), on which are based the standards adopted in 1941 by the FCC for the commercial television broadcasting in the United States. It is a complete and authoritative examination into the television service. 405 pages. 115 illus. Very Good condition. Rare. $55.00

355. GARRATT, G.R.M.; **Television** . 1st edition, 1937. An account of the development and general principles of television as illustrated by a special exhibition held at the South Kensington Science Museum June - September 1937. An excellent early history of TV is included, as well as both the mechanical and cathode ray systems of operation. The station at Alexandria Palace, London is also covered. 64 pages. 15 illus. Very Good condition. Scarce. Softcover. $45.00

356. GOURIET, G.G.; **An Introduction to Color Television** . 1st edition, 1955. This book contains the substance of a series of lectures delivered in 1954 to the Television Society. It is fully illustrated by color diagrams and explains the dèvelopment and theory of the present American television system with a comment on future development. Includes a worn dust jacket. 72 pages. 28 illus. Very Good condition. Scarce. $25.00

357. HUBBELL, RICHARD; **Television: Programming & Production** . 1st edition, 1945. The purpose of this book is to provide a foundation for the techniques of television program production by analyzing the basic nature of TV, evaluating progress, and suggesting practical ways to improve techniques. In effect, it is a sequel to his earlier book, 4000 Years of Television, Includes a nicely illustrated dust jacket. 207 pages. 53 photos. 18 illus. Very Good condition. Scarce. $30.00

358. JENKINS, C. FRANCIS; **Vision By Radio - Radio Photographs** . 1st edition, 1925. A rarely seen book, which was the first written in the U.S. on the subject of television. Profusely illustrated with photos of early television sending and receiving apparatus. Included is a complete historical sketch of Jenkins' Radio Photography. A very nice copy of a very desirable book. 140 pages. 35 photos. 30 illus. Very Good condition. Rare. $245.00

359. JENKINS, C. FRANCIS; **The Boyhood of an Inventor** . 1st edition, 1931. A decidedly very interesting account of the author's life. This is definitely the most difficult biography to obtain. This autobiography aptly describes the beginnings of an inquisitive mind who went on to build the prototype of the motion picture projector & produce the 1st photographs by radio-also known as television. From Jenkins' Cousin!!! 273 pages. 268 photos. Very Good condition. Very Rare. $235.00

360. JENKINS, C. FRANCIS; **Radiomovies Radiovision And Television** . 1st edition, 1929. A very important volume on on the subject, written by the first TV experimenter in the U.S.. Profusely illustrated with many photos of early apparatus and even complete plans on how to make your own "Radiovisor" scanning disc television receiver. A beautiful copy with little wear & no defects!! 143 pages. 40 photos. 15 illus. Very Good condition. Rare. $265.00

361. KLEMPERER, O.; **Electron Optics** . 2nd edition, 1953. This landmark volume gives an account of the principles, methods and applications of electron optics. It introduces the student to the specialized subject and presents the research worker with the basic principles and essential information to guide him through the literature available (Includes an extensive 17 page bibliography). 471 pages. 219 illus. Very Good condition. Scarce. Dust Jacket. $35.00

62. **KORN, TERRY AND ELIZABETH M.; Trailblazer To Television** . 1st edition, 1950. This is the story of Dr. Arthur Korn, the scientist who transmitted the first picture across the Atlantic- an important step on the road to television. A rare biography written by Dr. Korn's wife and daughter-in-law, it includes a tipped-in postcard signed by Elizabeth Korn and contains a handmade drawing depicting a desert landscape. 144 pages. Very Good condition. Scarce. $95.00

63. **LARNER, E. T.; Practical Television** . 1st edition, 1928. A very rare and early book on television, with the forward written by John Logie Baird. Includes 27 pages on the history of TV up to 1928, & entire chapter on Cathode-Ray television. The Baird televisor is also well described in a separate chapter. Contains many illustrations and photos of early television apparatus. 175 pages. 13 photos. 84 illus. Very Good condition. Very Rare. $125.00

64. **LEE, ROBERT E.; Television: The Revolution** . 1st edition, 1944. This book gives an objective outlook at early public television and its effects on general entertainment, FCC consolidation & advertising. An interesting look at the new media with a forward by Lee DeForest. Includes a nice dust jacket. This is only the second copy we've seen! 230 pages. Very Good condition. Very Rare. $65.00

65. **MALOFF, I.G. AND EPSTEIN, D.W.; Electron Optics In Television** . 1st edition, 1938. Written by engineers from the RCA research labs, a first hand account of their experiences. This book was principally concerned with uniting the theory of electron optics with its application, the cathode ray tube. Contains hundreds of photos and illustrations. 299 pages. Very Good condition. Scarce. $40.00

66. **MARTIN, MARCUS J.; Wireless Transmission Of Photographs** . 1st edition, 1916. The first book ever written on the subject, this shows most of the different systems in use at the time. This work was published by The Wireless Press, Ltd. Marconi House, Strand. A rarely seen book which helped lead to the development of television. Ex-Library, the spine is worn and the title page is a facsimile. A very scarce title!! 117 pages. 62 illus. Good condition. Very Rare. $125.00

67. **MOSELEY, SYDNEY; John Baird** . 1st edition, 1952. A seldom-seen biography relating the romance and tragedy of the Pioneer of Television, in an excellent history on early television. It includes his trip to America and his eagerness to sell his system in the United States. In nice condition with the original pictoral Dust Jacket. 256 pages. 11 photos. Very Good condition. Scarce. Dust Jacket. $45.00

68. **MOSELEY, SYDNEY A. AND CHAPPLE, BARTON H.J.; Television - Today & Tomorrow** . 4th edition, 1934. An incredible book on the early development of television. This work is profusely illustrated with many rare photos of early television transmitting and receiving apparatus. Included is a 27-page chapter on the history of television. A must have book for the television historian, in beautiful condition! 208 pages. 72 photos. 56 illus. Very Good condition. Rare. $115.00

369. NATIONAL BROADCASTING CORP.; NBC Television Tour . 1st edition, 1939. A rarely seen booklet published by NBC for its television building at the World's Fair in 1939. Profusely illustrated with many photos I've never seen before of the display and layout of the building. There are even some shots of the inside of the RCA TV assembly lines, and a historical exhibit. 36 pages. 65 photos. Very Good condition. Rare. Softcover. $95.00

370. RCA MANUFACTURING CO.; RCA Victor Service Notes for 1939 . 1st edition, 1939. This volume of the famous RCA Service Notes covers radio receivers, victrolas, television and test equipment. A cross index is included encompassing GE, Westinghouse and Graybar models. A general index for all the RCA srvice notes, from 1923 to 1940 inclusive, is also provided. Included are TV Models TRK-5, TRK-9, TRK-12, TRK-90 & TRK120. 456 pages. Very Good condition. Scarce. $75.00

371. WILSON, J.C.; Television Engineering . 1st edition, 1937. An early treatise on the various systems of television transmitting and receiving. One chapter discusses the history of television, while others cover color and stereo TV. A very nice copy of a seldom seen title, the forward is by John Logie Baird. Both Scanning disk and electronic television are covered indepth... A Great Book!! 492 pages. 50 photos. 226 illus. Very Good condition. Scarce. $85.00

372. WILSON, W.; The Cathode Ray Oscillograph In Industry . 2nd edition, 1946. The general principles and design, along with a detailed description of its circuits are included in this volume. The various applications in testing and troubleshooting circuits are shown. An excellent chapter on the electron microscope and its uses is also included. 244 pages. 194 illus. Very Good condition. Uncommon. $20.00

VACUUM TUBES

373. BABANI, B.B.; A Comprehensive Radio Valve Guide (International Edition) . 5th edition, 1972. This is the International edition, Book 4. This book covers the base connections and characteristics for all receiving tubes issued between 1956 and 1960, including French, English, US, Soviet, Czech, Japanese, and European- there are over 1100 new valves! I also Have Book 5, which covers 1350+ tubes from 1960 to 1963- ASK!! 47 pages. Very Good condition. Rare. Softcover. $30.00

374. BRANS, P.H.; Radio Tube Vade Mecum 1946 . 6th edition, 1946. This is the international radio tube bible, endeavouring to describe the data and characteristics for every known type of valve in the world. A highly sought after reference volume, this book rarely comes on the market. The front cover has a 1" tear along one edge and the pages are kinda yellow, but there are no chips. 231 pages. Good + condition. Very Rare. Softcover. $125.00

375. BRANS, P.H.; Radio Tube Vade Mecum 1943 . 3rd edition, 1943. This is the international radio tube bible, endeavouring to describe the data and characteristics for every known type of valve in the world. A highly sought after reference volume, this book rarely comes on the market. The pages are a bit yellowed, but this is a rare wartime edition of the famous book, published in Antwerp, Belgium!! 188 pages. Good + condition. Very Rare. Softcover. $125.00

376. **CHAFFEE, E.L. AND OTHERS; Electronic Circuits and Tubes** . 1st edition, 1947. A large volume written by the electronics training staff of the Cruft Laboratory at Harvard University. This book presents the basic theory and applications of electronic tubes and and their related electric circuits. A must-have for designers of vacuum tube amplifiers. 994 pages. 824 illus. Very Good condition. Scarce. $30.00

377. **EISLER, CHARLES; The Million Dollar Bend** . 1st edition, 1960. This is the autobiography of the benefactor of the radio tube and lamp industry. A story of rags to riches, it sums up the life of the man responsible for the design of the machine which creates the "tipless stem" exhaust method for radio tubes & light bulbs. Includes many photos of radio tube manufacturing machines. Signed by Charles Eisler! 315 pages. 128 photos. 100 illus. Very Good condition. Very Rare. Dust Jacket. $95.00

378. **HALLOWS, R.W. AND MILWARD, H.K.; Introduction To Valves** . 1st edition, 1953. This book describes the principles of operation of the radio tube and its uses in circuits of various types, including RF, audio and power output applications. Includes a nicely illustrated dust jacket. 152 pages. 107 illus. Very Good condition. Scarce. Dust Jacket. $30.00

379. **HENNEY, KEITH; Electron Tubes In Industry** . 2nd edition, 1937. This extensive text deals with thermionic tubes, amplifiers, light- sensitive tubes and applications, cathode-ray tubes, and miscellaneous tubes and circuits. Each chapter has its own bibliography. 539 pages. 400 illus. Very Good condition. Scarce. $20.00

380. **KOHL, WALTER H.; Materials Technology For Electron Tubes** . 1st edition, 1951. This book represents the complete information on materials used in the construction of electron vacuum tubes. The treatment of materials such as Glass, Ceramics, Mica, Tungsten, Tantalum, Nickel and Graphite are featured in this book. High vacuum technique, metal to glass, & metal to ceramic joining are covered in detail. Perfect D/J!! GREAT BOOK!! 493 pages. 255 illus. Very Good condition. Very Rare. $225.00

381. **KOLLER, L.R.; The Physics of Electron Tubes** . 1st edition, 1934. A presentation of the fundamental physical phenomena involved with the operation of electron tubes. The author was a member of the Research Labs at General Electric Co. An excellent book for the tube freak. In nice condition, this copy is from The Franklin Institute Library. 205 pages. 67 illus. Very Good condition. Scarce. $35.00

382. **MACGREGOR-MORRIS, J.T.; The Inventor of the Valve** . 1st edition, 1954. This is a seldom seen biography of Sir Ambrose Fleming, published on the 50th anniversary of the filing of the patent for the Fleming valve. An excellent biography of Fleming's early life and inventions. A chronological list of Fleming's books is included in this pristine copy. 141 pages. 22 illus. Fine condition. Rare. $75.00

383. **MULLARD VALVE CO.; Mullard Master Valve Guide 1933 - 1934 .** 1st edition, 1934. This valve guide contains full technical information concerning each type of Mullard receiving valve. The data contained in this book is comprehensive and practical, and includes a list of Mullard equivalent valves. The covers are in color, there is a slight bit of staining along the spine. 96 pages. Good + condition. Rare. Softcover. $25.00

384. **OWENS, JAMES B. AND SANBORN, PAUL; Electron Tubes At Work .** 1st edition, 1964. From basic voltage amplifiers to complex power-supply circuits, this is a clear, logical presentation of the application of electron tubes in circuits which are common to every piece of electronic equipment. Written in an effective format, "TutorText" this is easily one of the best texts describing how the electron tube works. Very Nice!! 557 pages. 279 illus. Very Good condition. Scarce. Dust Jacket. $30.00

385. **PREISMAN, ALBERT; Graphical Constructions For Vacuum Tube Circuits .** 1st edition, 1943. A fundamental book designed to fill a gap, using curves to produce solutions for vacuum tubes using non-linear circuits. Many graphs, circuit diagrams & formulas are displayed within the confines of this volume. Includes a 67 page chapter on various types of amplifier circuits. An excellent book for the audio amplifier designer. 237 pages. 124 illus. Very Good condition. Scarce. $60.00

386. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual RC-30 .** 30th edition, 1975. This is RCA's type RC-30 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. We have a large selection of RCA tube manuals from R-10 through RC 29 as well as other desirable tube manuals- Just Ask! 758 pages. Very Good condition. Scarce. Softcover. $40.00

387. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual RC-11 .** 2nd edition, 1933. This is RCA's RC 11 tube manual, which contains a vast amount of information on the technical data of most receiving tubes, the second manual put out by RCA. We have a large selection of RCA tube Manuals, R-10 through RC-3, as well as other desirable tube manuals -Just Ask! There is a bit of clear tape at the bottom of the spine. 154 pages. Very Good condition. Uncommon. Softcover. $35.00

388. **REICH, HERBERT J.; Theory And Applications Of Electron Tubes .** 1st edition, 1939. Primarily a text for college students, this book should also prove valuable to engineers as a reference work. Its foundation is in the fundamental principles and analysis of electron tubes & their applications. Contains much on voltage, current and audio power amplifiers. Includes hundreds of illustrations and diagrams. 670 pages. Very Good condition. Uncommon. $25.00

389. **SCOTT-TAGGART, JOHN; Thermionic Vacuum Tubes In Radio Telegraphy And Telephony .** 1st edition, 1921. Covering all aspects of the vacuum tube, this is one of the earliest treatises written on the subject. Profusely illustrated, both receiving and CW transmitting tubes and their associated circuits are well defined. There is even an entire chapter devoted to the 2-element Fleming valve! From The Marconi's Wireless Telegraph Co. Library!! 424 pages. 344 illus. Very Good condition. Scarce. $95.00

90. **SEELY, SAMUEL; Electron-Tube Circuits** . 1st edition, 1950. This comprehensive volume developed from a series of courses taught by the author on tube circuits used during WWII. It covers fundamental properties and applications, with an emphasis on audio amplification as well as a variety of other areas including radar. 529 pages. 435 illus. Very Good condition. Scarce. $25.00

91. **STOKES, JOHN W.; 70 Years Of Radio Tubes And Valves** . 1st edition, 1982. This book outlines the evolution of the vacuum tube, both domestic and foreign. Profusely illustrated with hundreds of photos and illus., this makes a perfect companion book to the Saga Of The Vacuum Tube by Gerald Tyne. An Excellent Book!! 247 pages. Very Good condition. Uncommon. Dust Jacket. $30.00

92. **STRUTT, DR. M.J.O.; Moderne Mehrgitter- Elektronenrohren Vols 1 & 2** . 1st edition, 1937. This is a rare set of 2 volumes bound together on the subject of modern multigrid electron tubes. The text is in German, and covers all technical subjects concerning the electron tube. There are 295 references in the bibliography, and this book is from The Marconi Wireless Telegraph Company Library! 226 illus. Very Good condition. Rare. $55.00

93. **TUNG SOL MFG.; Tung-Sol Tube Manual** . 1st edition, 1945. This thick loose-leaf bound volume contains the technical data for most receiving tubes. Typical operating conditions and characteristics are covered, as well as the curves used in certain circuit applications. The cover is hardbound, much like the Rider manuals, only 6 1/2" x 9". 600 pages. 500 illus. Good + condition. Scarce. $65.00

94. **TYNE, GERALD F. J.; Saga Of The Vacuum Tube** . 1st edition, 1977. This is the first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. Now out of print and getting tough to obtain, this book is in very nice condition. 494 pages. Very Good condition. Scarce. Dust Jacket. $65.00

95. **VALLEY, GEORGE E. AND WALLMAN, HENRY; Vacuum Tube Amplifiers** . 1st edition, 1948. THE FAMOUS BOOK on vacuum tube amplifiers, discussing the principles of circuit design used in linear and non-linear amplifiers. It represents a compilation of work done by many in cooperative research, covering the subject extensively. This is The MIT Rad Lab Series Vol. 18. 743 pages. 475 illus. Very Good condition. Scarce. $55.00

WIRELESS BOOKS<1920

96. **(TRADE CATALOG); Electro Importing Co.** . 1st edition, 1920. This is catalog #22, which I think contains the greatest color cover on a wireless catalog, depicting a topless woman in a flowing robe holding a lightbulb above a ship's wireless cabin! The catalog is in nice condition, and includes much early wireless apparatus, crystal sets and spark gear. The front cover is gorgeous!! 80 pages. Very Good condition. Rare. $95.00

397. **BISHOP, LEON W.; The Wireless Operator's Pocketbook Of Information And Diagrams** . 1st edition, 1911. An excellent volume covering all the details of wireless telegraphy needed to build and operate your own station. The author, who worked with John Stone Stone, aided by Greenleaf Whitier Pickard, has illustrated some early Wireless Specialty detectors and equipment. The appendix contains a listing of stations. Knight List # 25. 200 pages. 105 illus. Very Good condition. Rare. $155.00

398. **BRAUN, PROF. FERDINAND; Drahtlose Telegraphie** . 1st edition, 1901. This rare title was written by the inventor of the Cathode Ray tube. It is an early attempt to describe the various systems of wireless telegraphy in use by the German empire. There are some unusual illustrations of early European stations. There are some pencil markings on the title page & 2 other pages. Knight List # 34. 68 pages. 34 illus. Good + condition. Extremely Rare. $265.00

399. **BULLARD, CAPTAIN W.H.G.; Naval Electricians' Text Book, Volumes I and II** . 4th edition, 1917. Volume I highlights the theory behind wireless telegraphy. It contains chapters on wireless apparatus, especially describing and illustrating the WSA IP-76 and Cohen Type A receivers. Vol. II concentrates on the practical applications of motors, telephone systems, and fire control systems. An important set of books! Knight's List # 47. 1386 pages. 842 illus. Good + condition. Scarce. $95.00

400. **DAVIDGE, H.T.; Wireless Telegraphy** . 8th edition, 1919. An early on the theory and practice of wireless telegraphy. Includes some great illustrations and photos of early equipment and stations using primitive apparatus. The spine is worn along edge. Joe Knight's List # 70. 66 pages. 35 illus. Good + condition. Rare. $40.00

401. **EICHHORN, GUSTAV; Wireless Telegraphy** . 1st edition, 1906. An early treatise on wireless telegraphy covering Telefunken, Siemens & Halske, Braun, and other German systems of wireless. Many early & rarely seen pieces of wireless apparatus are shown.This book is in great condition, defect free with little wear. Knight List # 85. 116 pages. 39 photos. 40 illus. Very Good condition. Very Rare. $215.00

402. **ERSKINE-MURRAY, JAMES; A Handbook of Wireless Telegraphy** . 3rd edition, 1911. An excellent treatise on the subject of wireless telegraphy, including a nice history of the art, covering the different systems in use at the time, including Marconi, Fessenden, Lodge-Muirhead, Telefunken, and the De Forest system. An exceedingly hard book to find, especially in such nice condition. Knight's List # 88. 386 pages. 186 illus. Very Good condition. Very Rare. . $255.00

403. **ERSKINE-MURRAY, JAMES; Wireless Telephones** . 2nd edition, 1911. A clear and concise picture of the research and development of the wireless telephone. Includes historical references throughout the chapters. Other than Ernst Ruhmer's book, I believe this is one of the first accounts on the subject. The cover is nicely illustrated with a pair of wireless telephones. Knight's List # 89. 68 pages. 17 illus. Very Good condition. Rare. $125.00

04. **FLEMING, JOHN AMBROSE; The Principles of Electric Wave Telegraphy .** 1st edition, 1908. A rarely seen volume on early wireless telegraphy, this is the first of five editions, covering the subject completely. Profusely illus., many rare photos of early gear are shown. Has a nice bibliography and list of wireless patents. This is a beautiful copy of the 1st editon, 2nd printing. Knight List # 96. 700 pages. Very Good condition. Rare. $185.00

05. **FURST, ARTUR; Im Bannkreis Von Nauen .** 1st edition, 1922. An incredible book on Drahtlose Telegraphy (Wireless) written in German. It contains hundreds of photos & diagrams of early German wireless apparatus. including spark transmitters, receivers, crystal detectors, telegraph keys, wireless stations, coherers- even the famous LRS Relay Tube & Poulson Telegraphone! Knight's List # 106. 326 pages. 214 illus. Very Good condition. Very Rare. $195.00

06. **GERNSBACK, HUGO; The Wireless Telephone .** 1st edition, 1910. A rarely seen treatise on the low power wireless telephone, describing the different systems then in use. The cover contains a nice illustration of an early wireless telegraph station. This is book #2 of Gernsback's Electric Library. The cover has a faint stain. 78 pages. 51 illus. Good + condition. Rare. Softcover. $95.00

07. **GOLDSMITH, ALFRED N.; Radio Telephony .** 1st edition, 1918. An excellent treatise on the subject of wireless telephony. This early work covers the Poulson Arc, Alexanderson, and DeForest systems as well as many others. Profusely illustrated with over 100 photos of early wireless apparatus. Knight's List # 111. 247 pages. 110 photos. 116 illus. Very Good condition. Uncommon. $35.00

08. **HAWKS, ELLISON; Pioneers Of Wireless .** 1st edition, 1927. An incredible collection of biographies of the men who made wireless possible. Other than Dunlap's 100 Men of Science, this is the only true compilation of scientists from William Gilbert in 1600. to E.F.W. Alexanderson who gave us the high frequency alternator. This is the first copy we've had in years! 304 pages. 24 photos. 45 illus. Very Good condition. Very Rare. $115.00

09. **HOYLE, BERTRAM; Standard Tables And Equations In Radio Telegraphy .** 1st edition, 1919. This book extends the scope of the number of equations and tables which were given in the "Marconi Yearbook Of Wireless Telegraphy", adding numerous tables and equations facilitating calculations occuring in the subject of wireless telegraphy. Knight's List # 145. 159 pages. Very Good condition. Scarce. $25.00

10. **KIRKMAN, MARSHALL M.; Telephone and Telegraph .** 1st edition, 1904. The telegraph, telephone and wireless telegraph are illustrated and described in this treatise as a supplement to The Science Of Railways. The principles and construction of wireless telegraph apparatus are explained and complimented by photos of early gear I've never seen before. Knight List # 156. 218 pages. 68 illus. Very Good condition. Rare. $65.00

11. **LODGE, OLIVER J.; The Work of Hertz and Some of His Successors .** 2nd edition, 1898. The substance of a lecture delivered at the Royal Institute on June 1, 1894. This lecture was intended as a tribute to the young Hertz who died Jan.1, 1894. The work contains his early experiments on wireless telegraphy. This edition includes a 15 page appendix on The History of the Coherer! Contains a nice 32 page catalog of books. Knight List 167. 73 pages. 32 illus. Very Good condition. Very Rare. $295.00

12. **MACBETH, J.C.H.; Marconi International Code Book .** 1st edition, 1919. This Massive book was published by the Marconi International Code Co. Ltd. of The Marconi House, Strand, London. It is designated as Vol I, covering English, French and Spanish. There was a copy of this book on every Marconi Wireless Operator's desk! It saved the cost & time of sending messages. The front cover is stained a bit & worn at the edges. 575 pages. Good + condition. Extremely Rare. $395.00

413. MARKAU, DR. K.; **Die Telephonie Ohne Draht** . 1st edition, 191. Written in German, this early treatise on wireless telephones contains many illustrations of unusual early apparatus, and describes the various systems of Collins, Ruhmer, Goldschmidt, Marconi and Poulsen. This book is from Marconi's Wireless Telegraph Library in Chelmsford!! It includes a nice bibliography of 104 entries. Knight's List # 183. 126 pages. 103 illus. Very Good condition. Very Rare. $225.00

414. MAVER, WILLIAM JR..; **Maver's Wireless Telegraphy: Theory and Practice** . 4th edition, 1910. A comprehensive account of all systems of wireless telegraphy in use at the time, including many illustrations of early wireless apparatus and circuits. This much sought after volume covers detectors, tuners, spark transmitters and even wireless telephony! There are a couple of small spots on the cover, but nothing really detracting. Knight # 190. 354 pages. 258 illus. Good + condition. Very Rare. $245.00

415. MAZZOTTO, DOMENICO; **Wireless Telegraphy and Telephony** . 1st edition, 1906. An early treatise on the various forms of wireless telegraphy and telephony, containing many systems of wireless in use at the time. Included are 253 photos and illustrations. This is, I believe, the first book to use the word "Radio" in its text. This important book is in beautiful condition!! Knight List # 193. 416 pages. Very Good condition. Very Rare. $225.00

416. MEYER, FRED L.; **Twentieth Century Manual Of Railway Commercial And Wireless Telegraphy** . 7th edition, 1914. The scope of this book is mainly to instruct telegraph operators in the everyday business of running a telegraph office. The basic theory in electricity is presented, but the main theme concerns the forms and procedure of commercial and railway telegraphy. A 35 page chapter on wireless covers rules, regs, & Marconi blanks. Knight List # 198 X-Lib. 305 pages. 29 illus. Good + condition. Scarce. $35.00

417. MILLS, JOHN; **Radio Communication: Theory and Methods** . 1st edition, 1917. This book is the substance of a course of lectures given by the author in 1917 to the U.S: Signal Corps. Contained in the book are chapters on the vacuum tube, wireless telegraphy and telephony, and practical methods of radio telegraphy. Knight List # 200. 20 pages. 10 photos. 110 illus. Very Good condition. Scarce. $25.00

418. MITCHELL, W.G.W.; **Time & Weather By Wireless** . 1st edition, 1923. The first half of the book explains how time signals are sent and received with the utmost accuracy. A list of the various stations and their frequencies is included, as well as many illustrations of wireless & meteorological apparatus. The cover is illustrated with a wireless set & a clock. Excellent!! 125 pages. 66 illus. Very Good condition. Rare. $110.00

419. MORGAN, ALFRED P.; **Wireless Telegraph Construction For Amateurs** . 1st edition, 1910. This book contains the practical information for those wireless amateurs who wished to build their own apparatus. Clear drawings and practical hints make this an excellent book for the home brew enthusiast. Spark xmitters, Xtal sets and detectors are shown in the many photos & illustrations present. The cover is slightly spotted. 188 pages. 147 illus. Very Good condition. Rare. $75.00

420. NAVY DEPARTMENT; **Handbook Of Regulations- U.S. Naval Radio Service 1913** . 1st edition, 1913. This handbook was intended as a manual for the guidance of officers and operators in control of Navy radio stations, either coast or ship. It includes all matters relating to radio communications both commercial and non-commercial. A very nice volume of the earliest regulations for wireless that I've seen! 299 pages. Very Good condition. Rare. $85.00

421. PIERCE, GEORGE W.; **Electric Oscillations and Electric Waves** . 1st edition, 1920. This book presents an indepth treatmant of the fundamentals of the theory of electric oscillations and electric waves as applied to telephony and radiotelegraphy. Knight List # 227. 517 pages. 100 illus. Very Good condition. Scarce. $45.00

422. ROBISON, CAPT. S.S.; **Manual Of Wireless Telegraphy 1911** . 2nd edition, 1911. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy before WWI. This is a rarely seen copy of the second edition of a most important book, explaining in detail the theory and application of receiving & Xmitting circuits. Names written in ink. Knight List # 252. 212 pages. 112 illus. Good + condition. Rare. $75.00

423. RUHMER, ERNST; **Drahtlose Telephonie** . 1st edition, 1907. Ruhmer's first work on wireless telephony, showing many rare photos of his wireless telephone apparatus and experimental stations. There are many illustrations of equipment that I've seen only in this volume -not anywhere else! In very nice condition, except that somebody has clipped off the top 3/4" of the title page (Blank- no loss of text). 151 pages. 139 illus. Very Good condition. Extremely Rare. $425.00

424. THURN, H.; **Die Funkentelegraphie** . 3rd edition, 1917. A wonderful book written in German, describing and illustrating early and historic German wireless apparatus and their wireless stations. Some of the apparatus displayed is made by Telefunken & Slaby-Arco, including coherer receivers & spark transmitters. There are photos of incredible looking apparatus- some I've never seen! Knight's List #295. 106 pages. 53 illus. Very Good condition. Rare. $155.00

425. U.S. SIGNAL CORPS; **Radiotelegraphy** . 1st edition, 1915. A revised edition of Circular #1 presenting the basics of radio theory designed to be a part of the World War I pack sets for use in the field. Included are listings of complete pack sets, with photos of loaded mules and instructions for setting up the wireless station. A difficult title to come by. 128 pages. 85 illus. Very Good condition. Rare. Softcover. $75.00

426. VERRILL, A. HYATT; **Harper's Wireless Book** . 1st edition, 1913. This early work on wireless leaned toward informing young boys about the new art. An excellent chapter on construction is included, as well as instructions on theory and applications. Knight List # 319. 184 pages. 129 illus. Very Good condition. Uncommon. $35.00

427. WHITE, MAJOR J. ANDREW; **Military Signal Corps Manual** . 1st edition, 1918. This important handbook was the originally prepared for the Service of Information of the Army, to embrace all the essentials of the diversified technical knowledge necessary for a signal officer. It contains an extensive section on wireless telegraphy as well as the telephone and telegraph. Includes many illustrations, Knight List #324. 562 pages. 260 illus. Very Good condition. Rare. $115.00

428. ZENNECK, J.; **Wireless Telegraphy (With Great Provenance!!)** . 1st edition, 1915. First English edition of Zenneck's popular treatise on wireless telegraphy. Contains many photos of early receivers and transmitters and related items. Has some exceedingly fine chapters on detectors and wireless telephony. This book has ownership stamps from The Poulsen Wireless Company & Marconi's Wireless Telegraph Co! Knight's List #333. 443 pages. 470 illus. Good + condition. Rare. $125.00

X-RAYS

429. SNOW, WILLIAM B.; **Static Electricity And The Uses Of The Roentgen Ray** . 2nd edition, 1903. One of the most impressive books written on the subject of X-Rays and static electricity. Many photos of large static machines and other early electrical apparatus abound throughout the book. A fine copy of a rarely seen book, an asset to any collection! 302 pages. Very Good condition. Rare. $175.00

430. THE RONTGEN RAY SOCIETY; **Transactions of The American Rontgen Ray Society** 1903 . 1st edition, 1903. The first copy we've ever had for sale! This text consolidates a group of articles by well-known radiologists, primarily focused on early experiments with X-Ray. Full page plates of X-Rays and descriptions of early apparatus cpmplement the text. An excellent example of the efforts made during the 1st 3 years of the X-Ray Society . 178 pages. Very Good condition. Rare. $155.00

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